



VITICUSGROUP™
WVC ANNUAL CONFERENCE
FEBRUARY 18 - 21, 2024 | LAS VEGAS, NV

**2024 EDUCATION PROGRAM
& EXHIBIT HALL GUIDE**

IT'S TIME TO VET DIFFERENTLY



MESSAGE FROM GARY WEDDLE, DVM

BOARD PRESIDENT, VITICUS GROUP



A Fast and Education-Filled Year

"The days are long, but the years are short." While this quote is typically attributed to parenting, I do find it appropriate in my time as the board president for Viticus Group this past year. The time has gone incredibly fast since February 2023 when I was installed as president. In these past 12 months, it was evident more than ever that what we do here is unique. Why is that?

It's because we vet differently. What does that mean?

It means that we find new pathways of teaching; it means that we create uncommon approaches to learning; it means that we are always striving to deliver the most innovative education to you time-after-time.

The 96th WVC Annual Conference is no different. In almost 100 years, we have delivered continuing education in methods that have been modified over time to bring the most useful educational experiences to our participants.

I have been honored and humbled to serve as your board president at Viticus Group and I thank you all for your continued support of this organization. I wish you all the best in your veterinary medicine career and I hope that you take away just as much as I do from the 96th WVC Annual Conference.

It's Time to Vet Differently!

Respectfully,

Gary D. Weddle, DVM

2023 Board President

Viticus Group

WELCOME TO THE 96TH WVC ANNUAL CONFERENCE!

CEO MESSAGE



Las Vegas: Where Records Are Made to Be Broken

The largest sphere on Earth is here...the MSG Sphere. The highest observation wheel on Earth is here...the High Roller. The brightest light beam on Earth is here...Luxor Hotel and Casino. The largest freestanding combined animal and human hands-on training and continuing education organization on Earth is here...Viticus Group Education Centers.

Where is "here"? Las Vegas, of course, and we just do things differently.

Home to more world records than one may know, Las Vegas's relentless and successful pursuit of being the best of the best is interminable. It's no different for Viticus Group.

What began as the Intermountain Livestock Sanitary Association in 1928 evolved to Viticus Group, a nonprofit organization whose mission is to provide innovative veterinary and human healthcare education worldwide. Nearly a century in-the-making, Viticus Group broke its attendance records in 2023 at WVC Annual Conference and continues to strive to best itself in 2024 and beyond.

We advance education for and train healthcare professionals to deliver the best bedside care to animal and human patients. And we're grateful that you chose us for your premier continuing education.

Welcome to the 96th WVC Annual Conference in Las Vegas and let's break records together in veterinary medicine!

In Good Health,

Andrea Davis

Chief Executive Officer
Viticus Group

WITH GRATITUDE TO OUR SPONSORS

SAPPHIRE



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HANDS-ON LAB

ACTEON GROUP	MIDWEST
CORE IMAGING	MILA
DECHRA	MINDRAY
DENTAL AIRE	MOVORA
DENTAL FOCUS	PRN PHARMACAL
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DISEASE



ROUNDWORMS



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- + Delicious, beef-flavored soft chew makes compliance easy and enjoyable
- + The same proven dose of afoxolaner prescribed to millions of dogs
- + Delivers an optimized dose of moxidectin that is safe and effective
- + Safe for use in puppies as young as 8 weeks, weighing 4 pounds or more

Contact your Boehringer Ingelheim Sales Representative to learn more

IMPORTANT SAFETY INFORMATION: NexGard® PLUS (afoxolaner, moxidectin, and pyrantel chewable tablets) is for use in dogs only. The most frequently reported adverse reactions reported in clinical trials were diarrhea, vomiting, lethargy, and itching. NexGard PLUS contains afoxolaner, a member of the isoxazoline class, which has been associated with neurologic adverse reactions including tremors, ataxia, and seizures in dogs with or without a history of seizures. Use with caution in dogs with a history of seizures or neurologic disorders. The safe use of NexGard PLUS has not been evaluated in breeding, pregnant, or lactating dogs. Dogs should be tested for existing heartworm infection prior to starting a heartworm disease preventive. For more information, see full prescribing information or visit NexGardPLUSClinic.com



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NexGard® PLUS

(afoxolaner, moxidectin, and pyrantel chewable tablets)

For oral use in dogs only.

CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Description:

NexGard® PLUS (afoxolaner, moxidectin, and pyrantel chewable tablets) is available in five sizes of beef-flavored, soft chewables for oral administration to dogs and puppies according to their weight. Each chewable is formulated to provide minimum doses of 1.14 mg/lb (2.5 mg/kg) afoxolaner, 5.45 mcg/lb (12 mcg/kg) moxidectin, and 2.27 mg/lb (5.0 mg/kg) pyrantel (as pamoate salt).

Afoxolaner is a member of the isoxazoline family of compounds. Its chemical name is 1-Naphthalene-carboxamide 4-[5-[3-chloro-5-(trifluoromethyl)-phenyl]-4,5-dihydro-5-(trifluoromethyl)-3-isoxazoly]-N-[2-oxo-2-[(2,2,2-trifluoroethyl)amino]ethyl].

Moxidectin is a semisynthetic macrocyclic lactone derived from the actinomycete *Streptomyces cyaneogriseus noncyanogenus*. The chemical name for moxidectin is [6R,23E,25S(E)]-5-O-Demethoxy-28-deoxy-25-(1,3-dimethyl-1-butenyl)-6,28-epoxy-23-(methoxymino) milbemycin B.

Pyrantel is a member of the tetrahydropyrimidine family of compounds. Its chemical name is (E)-1,4,5,6-Tetrahydro-1-methyl-2-[2-(2-thienyl) vinyl] pyrimidine 4, 4' methylenebis [3-hydroxy-2-naphthoate] (1:1).

Indications:

NexGard® PLUS is indicated for the prevention of heartworm disease caused by *Dirofilaria immitis*. NexGard® PLUS is indicated for the treatment and control of adult hookworm (*Ancylostoma caninum*, *Ancylostoma braziliense*, and *Uncinaria stenocephala*) and roundworm (*Toxocara canis* and *Toxascaris leonina*) infections. NexGard® PLUS kills adult fleas and is indicated for the treatment and prevention of flea infestations (*Ctenocephalides felis*) and the treatment and control of *Ixodes scapularis* (black-legged tick), *Rhipicephalus sanguineus* (brown dog tick), *Dermacentor variabilis* (American dog tick), and *Amblyomma americanum* (lone star tick) infestations for one month in dogs and puppies eight weeks of age and older, weighing four pounds of body weight or greater.

Dosage and Administration:

NexGard® PLUS is given orally once a month at the minimum dosage of 1.14 mg/lb (2.5 mg/kg) afoxolaner, 5.45 mcg/lb (12 mcg/kg) moxidectin, and 2.27 mg/lb (5.0 mg/kg) pyrantel (as pamoate salt).

For heartworm disease prevention, give once monthly for at least six months after last exposure to mosquitoes (see Effectiveness).

Dosing Schedule:

Body Weight (lbs.)	Afoxolaner Per Chewable (mg)	Moxidectin Per Chewable (mcg)	Pyrantel* Per Chewable (mg)	Chewables Administered
4 to 8 lbs.	9.375	45	18.75	One
8.1 to 17 lbs.	18.75	90	37.5	One
17.1 to 33 lbs.	37.5	180	75	One
33.1 to 66 lbs.	75	360	150	One
66.1 to 132 lbs.	150	720	300	One
Over 132 lbs.	Administer the appropriate combination of chewables			

*As pamoate salt.

NexGard® PLUS can be administered with or without food. Care should be taken to ensure that the dog consumes the complete dose and that part of the dose is not lost or refused. If a dose is missed, administer NexGard® PLUS and resume a monthly dosing schedule.

Heartworm Prevention:

NexGard® PLUS should be administered at monthly intervals year-round or, at a minimum, administration should start within one month of the dog's first seasonal exposure to mosquitoes and should continue at monthly intervals until at least six months after the dog's last exposure (see Effectiveness). When replacing another monthly heartworm preventive product, the first dose of NexGard® PLUS should be given within a month of the last dose of the former medication.

Flea Treatment and Prevention:

NexGard® PLUS should be administered year-round at monthly intervals or started at least one month before fleas become active. To minimize the likelihood of flea reinfestation, it is important to treat all animals within a household with an approved flea control product.

Tick Treatment and Control:

NexGard® PLUS should be administered year-round at monthly intervals or started at least one month before ticks become active.

Intestinal Nematode Treatment and Control:

NexGard® PLUS treats and controls adult hookworms (*Ancylostoma caninum*, *Ancylostoma braziliense*, and *Uncinaria stenocephala*) and roundworms (*Toxocara canis* and *Toxascaris leonina*). For the treatment of adult hookworm and roundworm infections, NexGard® PLUS should be administered as a single dose. Monthly use of NexGard® PLUS will control any subsequent infections. Dogs may be exposed to and can become infected with hookworms and roundworms throughout the year, regardless of season or climate.

Contraindications:

There are no known contraindications for the use of NexGard® PLUS.

Warnings:

Not for use in humans. Keep this and all drugs out of the reach of children. In case of accidental ingestion, contact a physician for treatment advice.

Keep NexGard® PLUS in a secure location out of the reach of dogs, cats, and other animals to prevent accidental ingestion or overdose.

Precautions:

Afoxolaner, one of the ingredients in NexGard® PLUS, is a member of the isoxazoline class. This class has been associated with neurologic adverse reactions including tremors, ataxia, and seizures. Seizures have been reported in dogs receiving isoxazoline class drugs, even in dogs without a history of seizures. Use with caution in dogs with a history of seizures or neurologic disorders.

Treatment with fewer than six monthly doses after the last exposure to mosquitoes has not been evaluated and may not provide complete heartworm prevention.

Prior to administration of NexGard® PLUS, dogs should be tested for existing heartworm infection. At the discretion of the veterinarian, infected dogs should be treated with an adductile to remove adult heartworms. NexGard® PLUS is not effective against adult *D. immitis*.

The safe use of NexGard® PLUS in breeding, pregnant, or lactating dogs has not been evaluated.

Adverse Reactions:

In a field safety and effectiveness study, NexGard® PLUS was administered to dogs for the prevention of heartworm disease. The study included a total of 272 dogs (134 administered NexGard® PLUS and 138 administered active control) treated once monthly for 11 treatments. Over the 330-day study period, all observations of potential adverse reactions were recorded. The most frequent reactions reported in the NexGard® PLUS group are presented in the following table.

Table 1: Dogs With Adverse Reactions.

Clinical Sign	NexGard® PLUS n = 134 Number (Percentage)	Active Control n = 138 Number (Percentage)
Diarrhea	9 (6.7%)	7 (5.1%)
Vomiting	6 (4.5%)	7 (5.1%)
Lethargy	3 (2.2%)	5 (3.6%)
Itching	3 (2.2%)	3 (2.2%)
Dermatitis	2 (1.5%)	1 (0.7%)
Anorexia	1 (0.7%)	4 (2.9%)
Muscle tremor	1 (0.7%)	1 (0.7%)

One dog in the NexGard® PLUS group was reported to exhibit muscle tremors along with nausea and depression for one day after the Day 0 treatment. The dog remained in the study and muscle tremors were not reported after any subsequent treatments.

Contact Information:

For a copy of the Safety Data Sheet (SDS) or to report suspected adverse drug events, contact Boehringer Ingelheim Animal Health USA Inc. at 1-888-637-4251 or www.nexgardforpets.com.

For additional information about adverse drug experience reporting for animal drugs, contact FDA at 1-888-FDA-VETS or www.fda.gov/reportanimalae.

Clinical Pharmacology:

Mode of Action:

NexGard® PLUS (afoxolaner, moxidectin, and pyrantel chewable tablets) contains the three active pharmaceutical ingredients afoxolaner, moxidectin, and pyrantel (as pamoate salt).

Afoxolaner is a member of the isoxazoline family, shown to bind at a binding site to inhibit insect and acarine ligand-gated chloride channels, in particular those gated by the neurotransmitter gamma-aminobutyric acid (GABA), thereby blocking pre- and postsynaptic transfer of chloride ions across cell membranes. Prolonged afoxolaner-induced hyperexcitation results in uncontrolled activity of the central nervous system and death of insects and acarines. The selective toxicity of afoxolaner between insects and acarines and mammals may be inferred by the differential sensitivity of the insects and acarines' GABA receptors versus mammalian GABA receptors.

Moxidectin is an endectocite in the macrocyclic lactone class. Moxidectin acts by interfering with chloride channel-mediated neurotransmission in susceptible parasites, which results in paralysis and death of the parasite.

Pyrantel is a nematocide belonging to the tetrahydropyrimidine class. Pyrantel acts as a depolarizing, neuromuscular-blocking agent in susceptible parasites, causing paralysis and death or expulsion of the parasite.

Pharmacokinetics:

Following a single oral administration of a near-final formulation of NexGard® PLUS (at mean doses of 3.9 mg/kg afoxolaner, 18.8 mcg/kg moxidectin, and 7.8 mg/kg pyrantel pamoate) in fed and fasted Beagle dogs (10 to 21 months of age), afoxolaner and moxidectin were more rapidly absorbed in the fasted state with a time to maximum concentration (Tmax) of 2 to 3 hours.

The afoxolaner mean maximum plasma concentrations (Cmax) in the fed and fasted states were 1610 and 2200 ng/mL (CV=33 and 16%) and the moxidectin mean Cmax values were 11.1 and 15.5 ng/mL (CV=39 and 24%), respectively. The area under the curve (AUC) for afoxolaner and moxidectin were similar between fed and fasted states. Post-dose pyrantel plasma concentrations were quantifiable out to 24 hours.

Following six oral administrations of NexGard® PLUS at 1, 3, and 5X the maximum exposure dose of 5 mg/kg, 24 mcg/kg, and 10 mg/kg afoxolaner, moxidectin, and pyrantel pamoate, respectively, every 28 days in 8-week-old Beagle dogs, afoxolaner and moxidectin Tmax ranged from 2 to 6 hours. The observed mean Cmax and AUC at steady state in the 1X dose group were 2230 ng/mL and 19000 days*ng/mL for afoxolaner and 14.8 ng/mL and 55.2 days*ng/mL for moxidectin, respectively. Based on mean Cmin, afoxolaner and moxidectin accumulated by less than 4-fold at steady state. Afoxolaner and moxidectin exposure increased in a dose proportional manner between the 1X and 3X dose groups but was less than dose proportional in the 5X dose group.

Pyrantel pamoate is poorly absorbed into systemic circulation. Pyrantel pamoate is intended to remain in the gastrointestinal tract to allow effective concentrations to be delivered to gastrointestinal nematodes.

Effectiveness:

Heartworm Prevention:

In two well-controlled laboratory studies, NexGard® PLUS was 100% effective against induced *D. immitis* infections when administered for six consecutive months.

In a well-controlled US field study consisting of 120 dogs administered NexGard® PLUS and 124 administered an active control, no dogs treated with NexGard® PLUS tested positive for heartworm disease. All dogs treated with NexGard® PLUS were negative for *D. immitis* antigen and blood microfilariae at study completion on Day 330.

Flea Treatment and Prevention:

In a well-controlled laboratory study, NexGard® PLUS demonstrated ≥99.8% effectiveness against adult fleas 24 hours after weekly infestations for one month.

In a separate well-controlled laboratory study, afoxolaner alone began to kill fleas four hours after initial administration and demonstrated >99% effectiveness at eight hours.

In an additional well-controlled laboratory study, afoxolaner alone demonstrated 100% effectiveness against adult fleas 24 hours post-infestation for 35 days and was ≥93% effective at 12 hours post-infestation through Day 21 and on Day 35. On Day 28, afoxolaner alone was 81.1% effective 12 hours post-infestation. Dogs in both the afoxolaner-treated and control groups that were infested with fleas on Day 1 generated flea eggs at 12 and 24 hours post-treatment (0-11 eggs and 1-17 eggs in the afoxolaner-treated dogs, and 4-90 eggs and 0-118 eggs in the control dogs, at 12 and 24 hours, respectively). At subsequent evaluations post-infestation, fleas from dogs in the afoxolaner-treated group were essentially unable to produce any eggs (0-1 eggs), while fleas from dogs in the control group continued to produce eggs (1-141 eggs).

In a 90-day US field study conducted in households with existing flea infestations of varying severity, the effectiveness of afoxolaner alone against fleas on the Day 30, 60, and 90 visits compared with baseline was 98.0%, 99.7%, and 99.9%, respectively.

Collectively, the data from the four studies (three laboratory and one field) demonstrate that NexGard® PLUS kills fleas before they can lay eggs, thus preventing subsequent flea infestations after the start of treatment of existing flea infestations.

Tick Treatment and Control:

In well-controlled laboratory studies, afoxolaner alone demonstrated >97% effectiveness against *Dermacentor variabilis*, >94% effectiveness against *Ixodes scapularis*, and >93% effectiveness against *Rhipicephalus sanguineus*, 48 hours post-infestation, for one month. At 72 hours post-infestation, NexGard® PLUS demonstrated ≥97% effectiveness against *Amblyomma americanum* for one month.

Intestinal Nematode Treatment and Control:

Elimination of adult roundworms (*Toxocara canis* and *Toxascaris leonina*) and hookworms (*Ancylostoma caninum*, *Ancylostoma braziliense*, and *Uncinaria stenocephala*) was demonstrated in well-controlled laboratory studies.

Target Animal Safety:

Margin of Safety:

NexGard® PLUS was administered orally at 1, 3, and 5X the maximum exposure doses at approximately 28-day intervals for six treatments to 8-week-old Beagle puppies. Dogs in the control group were sham-dosed. There were no clinically relevant, treatment-related effects on body weights, food consumption, clinical pathology (hematology, coagulation, serum chemistry, and urinalysis), gross pathology, histopathology, organ weights, or ophthalmic examinations. Mild, self-limiting diarrhea (with and without blood) was possibly related to treatment, as there were more incidences in the NexGard® PLUS groups than the control group throughout the study, including within 48 hours after treatment.

Avermectin-Sensitive Collie Safety:

NexGard® PLUS was administered orally at 1, 3, and 5X the maximum label dose to MDR1-deficient Collies once on Day 0, with a second administration to the 1X group on Day 28. Dogs in the control group were sham-dosed on Days 0 and 28. No clinical signs of avermectin toxicity were noted in any dog at any time during the study. Vomiting was observed in some dogs in the 3X and 5X groups and resolved without treatment. Diarrhea, with or without blood, was observed in some dogs in all of the NexGard® PLUS groups and resolved without treatment.

Heartworm-Positive Safety:

NexGard® PLUS was administered orally at 1X and 3X the maximum exposure doses at approximately 28-day intervals for three treatments to Beagle dogs with adult heartworm infections and circulating microfilariae. Dogs in the control group were sham-dosed. Diarrhea was observed in one dog in the 1X group and in three dogs in the 3X group, and vomiting was observed in two dogs in the 3X group. No signs of avermectin toxicity were observed at any time during the study. There were no clinical signs associated with death of the microfilariae observed in any of the dogs.

Field Safety:

In a well-controlled field study, NexGard® PLUS was used concurrently with other medications such as vaccines, antibiotics, non-steroidal anti-inflammatory drugs (NSAIDs), anesthetics, sedatives, analgesics, steroids, anthelmintics, antiemetics, and antipruritics. No adverse reactions were associated with the concurrent use of NexGard® PLUS and other medications.

How Supplied:

NexGard® PLUS is available in five strengths of beef-flavored soft chewables formulated according to the weight of the dog (see **Dosage and Administration**). Each chewable size is available in color-coded packages of 1, 3, or 6 chewables.

Storage Information:

Store in original package at or below 30°C (86°F) with excursions permitted up to 40°C (104°F).

Approved by FDA under NADA # 141-554

Marketed by: Boehringer Ingelheim Animal Health USA Inc., Duluth, GA 30096

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Turn a good morning into a great morning

Join us for our **FREE** breakfast bar

Monday

February 19, 8:30 a.m.

At the entrance of the Exhibit Hall



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TM

AT A GLANCE

2024 WVC Annual Conference

Sunday, Feb. 18 to Wednesday, Feb. 21

PARTICIPANT BADGE PICK-UP

Saturday, Feb. 17	2:00–6:00p
Sunday, Feb. 18	6:00a–6:00p
Monday, Feb. 19	6:00a–5:00p
Tuesday, Feb. 20	6:00a–5:00p
Wednesday, Feb. 21	6:00a–2:00p

EXHIBIT HALL

(Earn CE inside the Exhibit Hall)

We are proud to announce that we have more than 550 exhibitors for you to discover inside the exhibit hall.

Monday, Feb. 19	9:00a–5:00p
Tuesday, Feb. 20	9:00a–5:00p
Wednesday, Feb. 21	9:00a–2:00p

INDUSTRY SEMINAR HOURS

Breakfast Session	6:30–7:30a
Lunch Session	12:45–1:45p

LEARNING LOUNGES

New for 2024, we will offer multiple Learning Lounges in the Exhibit Hall to meet your educational needs.

Monday, Feb. 19	9:15a–4:40p
Tuesday, Feb. 20	9:15a–4:40p
Wednesday, Feb. 21	9:30a–1:30p

EXHIBITOR BADGE PICK-UP

Saturday, Feb. 17	8:00a–6:00p
Sunday, Feb. 18	7:00a–8:00p
Monday, Feb. 19	7:00a–5:00p
Tuesday, Feb. 20	8:00a–5:00p
Wednesday, Feb. 21	8:00a–2:00p

DAILY BREAKS

There will be three dedicated daily education breaks to allow participants time to explore the Exhibit Hall:

Morning Break

(Monday–Wednesday) 9:50–10:35a

Lunch Break

(Monday–Wednesday) 12:25–2:00p

Afternoon Break

(Monday–Tuesday) 3:50–4:35p

HANDS-ON LABS

(Additional purchase required)

Saturday, Feb. 17 to Wednesday, Feb. 21

Morning labs 7:30–11:30a

Afternoon labs 1:30–5:30p

LUGGAGE STORAGE

Located in Oceanside A, Level 2

Sunday, Feb. 18	7:00a–6:30p
Monday, Feb. 19	6:00a–7:00p
Tuesday, Feb. 20	6:00a–7:00p
Wednesday, Feb. 21	6:00a–6:30p

PAWP UP

Mandalay Convention Center, Level 2

Saturday, Feb. 17	3:00–6:00p
Sunday, Feb. 18	8:00a–6:00p
Monday, Feb. 19	8:00a–6:00p
Tuesday, Feb. 20	8:00a–7:00p
Wednesday, Feb. 21	8:00a–4:00p

CONFERENCE SERVICES

HOSPITALITY SERVICES

WHERE TO EAT

Food and beverage service is available inside the Exhibit Hall (Monday-Wednesday), Bayside A, B, C, and at various restaurants located in the Convention Center and surrounding hotels.

Please pack your patience and plan accordingly; this is an extra busy time at Mandalay Bay Convention Center and guests may experience longer wait times for food and beverage services. Thank you for your understanding.

LUGGAGE STORAGE

WVC will be providing luggage storage Sunday through Wednesday, located at Oceanside A on Level 2 near Participant Registration. Mandalay Bay hotel guests can use the hotel's bell desk to hold luggage.



HEALTH & FAMILY SERVICES

ADA Services

The conference is accessible by scooter or wheelchair. Wheelchairs are available at hotel bell desks on a first-come, first-served basis. Supply is limited; additional fees may apply.



CHILD CARE SERVICES

Contact your hotel concierge directly for information about child care services within your hotel.

NURSING PODS

Private nursing area available in Level 3, Foyer.

Sunday	8:30a-6:00p
Monday	7:30a-6:30p
Tuesday	7:30a-6:30p
Wednesday	7:30a-6:30p

TECH & CONFERENCE SERVICES

TECH ZONE

Visit the Tech Zone at the Jasmine Registration Desk on Level 3 from Sunday-Wednesday to access email, gather local information, print your boarding pass, and get assistance connecting to WiFi and the Viticus Group Mobile App.

Sunday	6:00a-6:00p
Monday	6:00a-6:30p
Tuesday	6:00a-6:30p
Wednesday	6:30a-6:00p

COMPLIMENTARY WIFI

Available in select areas of the Convention Center

Levels 1, 2, and 3 | All Meeting Rooms
General Concourse | Exhibit Hall

Select: [WVCPublic2024](#)

Password: [Lifeforward](#)

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GO GREEN!

DOWNLOAD THE FREE VITICUS GROUP MOBILE APP

The app is your all-in-one interactive event guide. Use this helpful tool to search CE offerings, create a custom schedule, download notes, rate sessions, search for events, locate exhibitors, view conference center maps, and so much more. Search for Viticus Group in your app store.

CERTIFICATE PRINTING

Your password-protected certificate of attendance will be available after the Annual Conference by logging into your account at myviticus.wvc.org.



CONFERENCE SURVEY

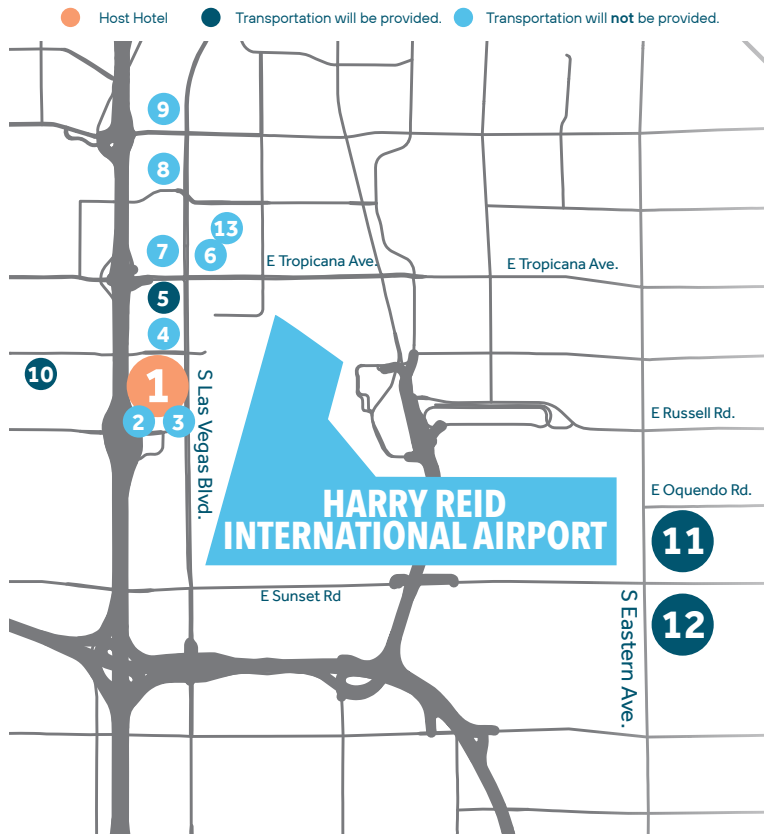
***Complete the overall Conference Survey and receive a free t-shirt at the Tech Zone.**

We appreciate your feedback on each session you attend, as well as your thoughts on the conference overall. Participants may complete surveys using the Viticus Group Mobile App or online at myviticus.wvc.org

*While supplies last

MAPS & TRANSPORTATION

Date	Time	Pick-up Location(s)	Destination(s)
AIRPORT - ARRIVALS			
Saturday, Feb. 17	8:00a - 6:00p	Harry Reid International Airport (T1 & T3) (Group Shuttle Area)	Mandalay Bay Beach Level & Excalibur
Sunday, Feb. 18	9:00a – 5:00p	Harry Reid International Airport (T1 & T3) (Group Shuttle Area)	Mandalay Bay Beach Level & Excalibur
HOTEL SHUTTLES			
Sunday, Feb. 18	6:00 – 10:00a 3:30 – 7:00p	Excalibur – Rotunda Entrance MB Convention Center Entrance	MB Convention Center Entrance Excalibur – Rotunda Entrance
Monday, Feb. 19	6:00 – 10:00a 3:30 – 7:30p	Excalibur – Rotunda Entrance MB Convention Center Entrance	MB Convention Center Entrance Excalibur – Rotunda Entrance
Tuesday, Feb. 20	6:00 – 10:00a 3:30 – 7:30p	Excalibur – Rotunda Entrance MB Convention Center Entrance	MB Convention Center Entrance Excalibur – Rotunda Entrance
Wednesday, Feb. 21	6:00 – 10:00a 3:30 – 7:00p	Excalibur – Rotunda Entrance MB Convention Center Entrance	MB Convention Center Entrance Excalibur – Rotunda Entrance
VITICUS GROUP EDUCATION CENTERS - EASTERN AND OQUENDO HANDS-ON LABS			
Saturday, Feb. 17	7:00a 12:30p	MB Convention Center Entrance	Eastern Center Oquendo Center
	2:30p (all day lab) 5:30p	Eastern Center Oquendo Center	MB Convention Center Entrance
Sunday, Feb. 18	7:00a 1:00p	MB Convention Center Entrance	Eastern & Oquendo Centers
	11:30a 4:30p (all day lab) 5:30p	Eastern & Oquendo Centers Oquendo Center Eastern & Oquendo Centers	MB Convention Center Entrance
Monday, Feb. 19	7:00a 1:00p	MB Convention Center Entrance	Eastern & Oquendo Centers Eastern & Oquendo Centers
	11:30a 4:30p (all day lab) 5:30p	Eastern & Oquendo Centers Oquendo Center Eastern & Oquendo Centers	MB Convention Center Entrance
Tuesday, Feb. 20	7:00a 1:00p	MB Convention Center Entrance	Eastern & Oquendo Centers
	11:30a 4:30p (all day lab) 5:30p	Eastern & Oquendo Centers Eastern Center Eastern & Oquendo Centers	MB Convention Center Entrance
Wednesday, Feb. 21	7:00a 1:00p	MB Convention Center Entrance	Eastern & Oquendo Centers Oquendo Center
	11:30a 5:30p	Eastern & Oquendo Centers Oquendo Center	MB Convention Center Entrance & Harry Reid International Airport (T1 & T3)
SPECIAL EVENT SHUTTLES			
Sunday, Feb. 18 O - Cirque Show	To: 5:45p – 7:00p	MB Convention Center Entrance	Bellagio- Conference Center Entrance
	From: 8:30p – 9:45p	Bellagio- Conference Center Entrance	MB Convention Center Entrance
Monday, Feb. 19 Vet Tech Reception	6:00p – 9:00p	MB Convention Center Entrance	Starbase
	Continuous Loops		
AIRPORT - DEPARTURES			
Wednesday, Feb. 21	6:00a - 7:00p	MB Convention Center Entrance	Harry Reid International Airport (T1 & T3)



- 1 Mandalay Bay/Mandalay Bay Convention Center**
3950 S. Las Vegas Blvd.
Distance to Convention Center: Host Hotel
- 2 Delano**
3950 S. Las Vegas Blvd.
Distance to Convention Center: Host Hotel
- 3 Four Seasons Hotel Las Vegas**
3960 S. Las Vegas Blvd.
Distance to Convention Center: Attached to Host Hotel
- 4 Luxor Hotel & Casino**
3900 S. Las Vegas Blvd.
Distance to Convention Center: .3 miles
- 5 Excalibur Hotel & Casino**
3850 S. Las Vegas Blvd.
Distance to Convention Center: .5 miles
- 6 MGM Grand Resort & Casino**
3799 S. Las Vegas Blvd.
Distance to Convention Center: 1.2 miles
- 7 New York-New York Hotel & Casino**
3790 S. Las Vegas Blvd
Distance to Convention Center: 1.4 miles
- 8 Park MGM Las Vegas**
3770 S. Las Vegas Blvd.
Distance to Convention Center: 1.4 miles
- 9 Bellagio Hotel & Casino**
(Transportation is provided on Sunday only.)
3600 S Las Vegas Blvd.
Distance to Convention Center: 1.8 miles
- 10 StarBase event venue**
(Transportation is provided on Monday only.)
3905 W Diablo Dr
Distance to Convention Center: 1.4 miles
- 11 Viticus Group Education Center
Oquendo Center | Las Vegas, NV**
(Hands-on lab location)
2425 E. Oquendo Rd.
Distance to Convention Center: 5.4 miles
- 12 Viticus Group Education Center
Eastern Center | Las Vegas, NV**
(Hands-on lab location)
5810 S Eastern Ave
Distance to Convention Center: 5.4 miles
- 13 The Signature at MGM Grand**
145 E Harmon Ave
Distance to Convention Center: 1.2 miles

MANDALAY BAY-EXCALIBUR TRAM Guests staying at Excalibur and Luxor are strongly encouraged to use the Mandalay Bay tram system. Tram availability is subject to change. The one-way trip from Excalibur to Mandalay Bay Hotel is estimated at seven minutes, including the stop at Luxor, and is free.

LAS VEGAS MONORAIL Las Vegas offers a quick and convenient monorail to explore the Strip, providing easy, inexpensive access to major attractions and hotels. Nine trains travel up to 50 mph, and passengers board every four to twelve minutes at each station.

For cost and more information, call 702.699.8200.

CONVENTION CENTER PARKING

Prices may be higher during special events.

Convention center parking is available at Mandalay Bay for a nominal fee.

MONDAY TO THURSDAY

Over 0 to 24 hrs \$18
Over 24 hours \$18 each additional day or fraction thereof

FRIDAY TO SUNDAY

Over 0 to 24 hrs \$23
Over 24 hours \$23 each additional day or fraction thereof

TAXI/RIDESHARE Transportation is available at most hotels and are the recommended mode of transportation for efficient travel within the city. Lyft & Uber are available through your smart phone applications.

LOCAL BUS Regional Transportation Commission of Southern Nevada (RTC) offers a transportation option along the Las Vegas Strip. The Deuce double-decker buses provide both economical and environmentally sound transit. Tickets can be purchased on the buses and at deuce ticket vending machines located at most bus stops. A 2-hour pass is \$6, a 24-hour pass is \$8 and a 3-day pass is \$20.



TARGETED MICROBIOME SUPPORT FOR GI HEALTH

A healthy microbiome can impact a pet's overall health. That's why we've spent decades exploring microbiome science. From diets with specific prebiotic fibers that support digestive health to supplements that support immune health in dogs and cats with diarrhea, **we're dedicated to helping you improve your patients' lives.**



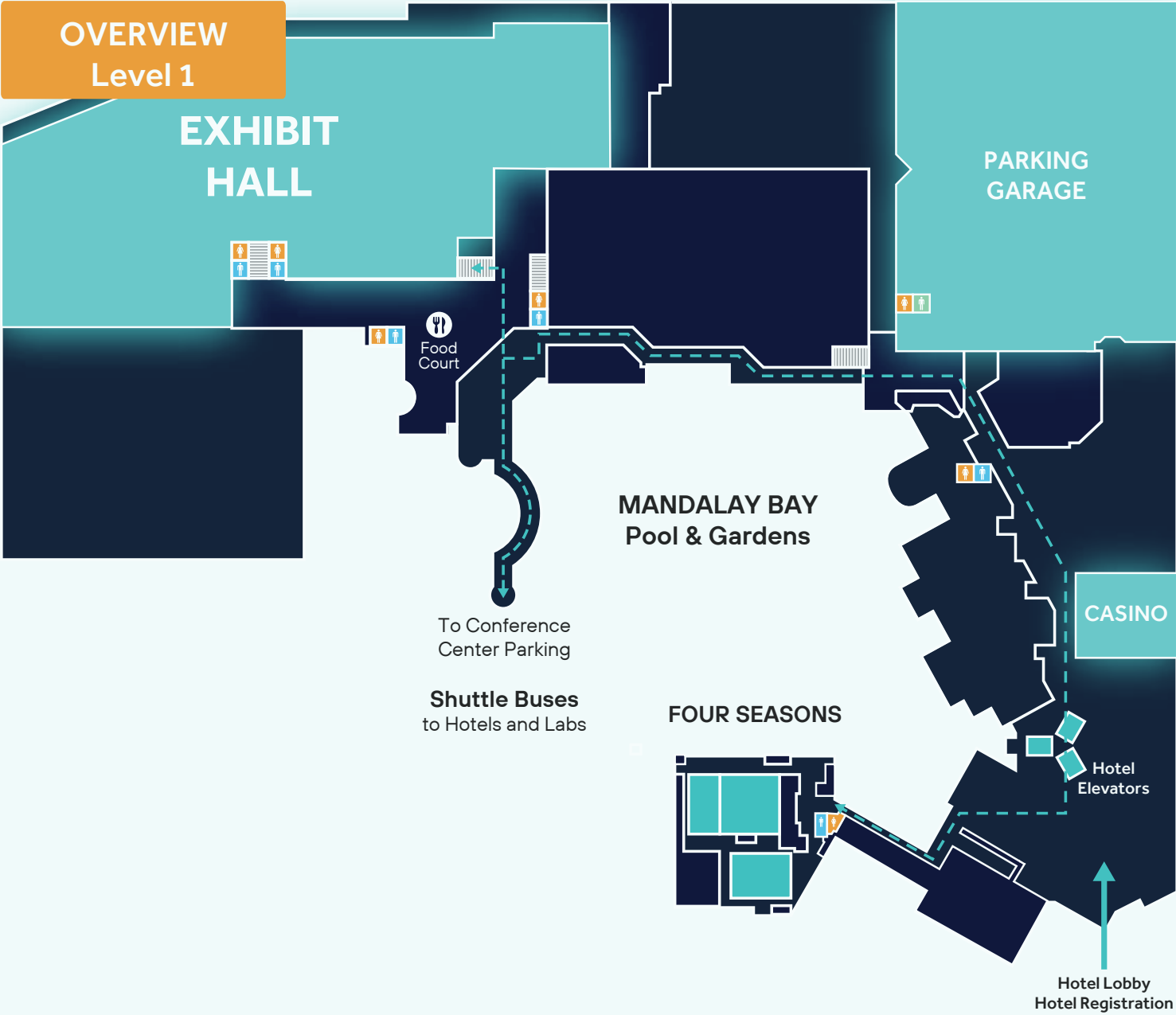
LEARN MORE AT
[PURINAPROPLANVETS.COM/MICROBIOME](https://PurinaProPlanVets.com/microbiome)

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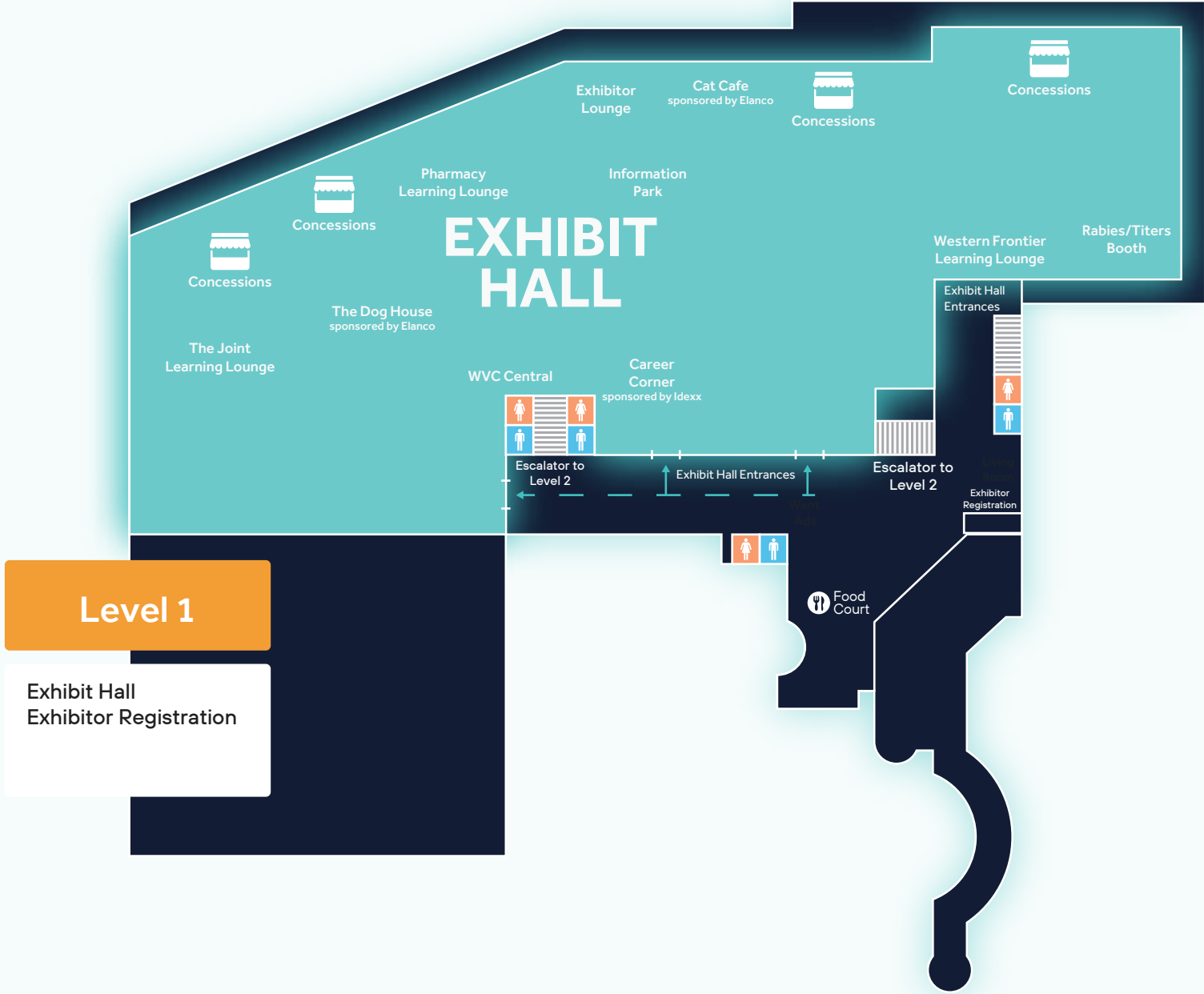


Your Pet, Our Passion®

CONFERENCE MAP

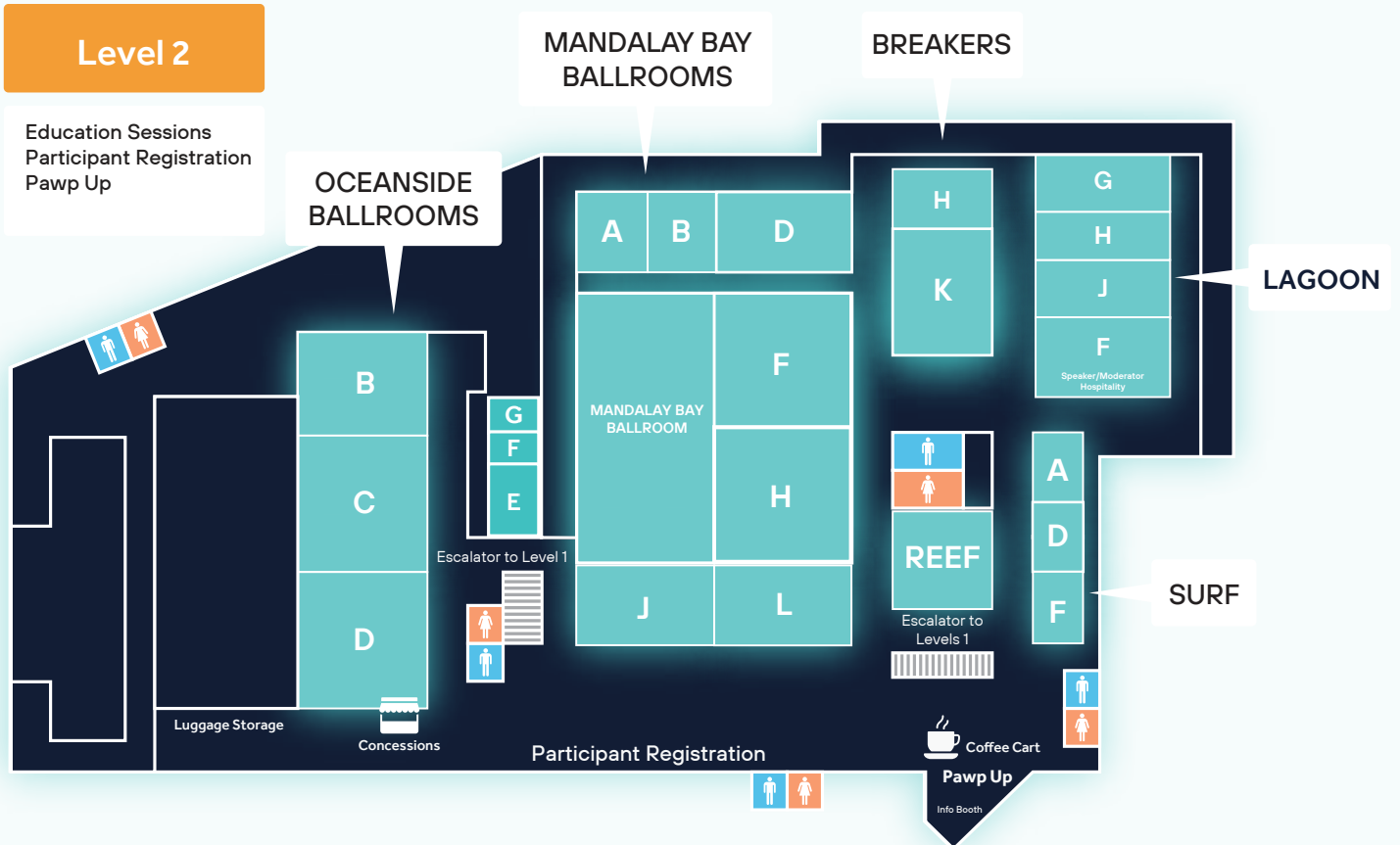


CONFERENCE MAP



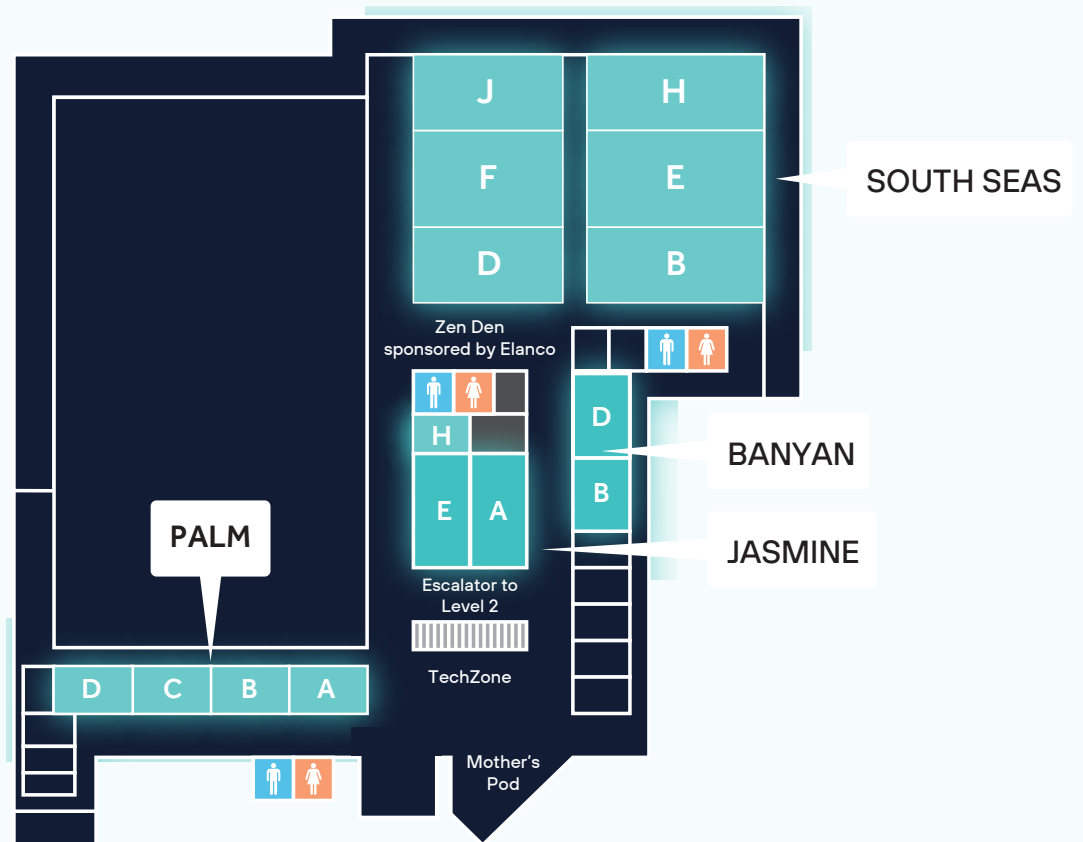
Level 2

Education Sessions
Participant Registration
Pawp Up



Level 3

Education Sessions
Mother's Pod
Tech Zone
Zen Den





VITICUSGROUP™
ACADEMY CE

HANDS-ON VETERINARY EDUCATION

Earn CE in Las Vegas, NV. Hands-on labs are available year-round with a variety of topics making it easy to find the perfect course for you.

2024 LABS AVAILABLE

VITICUSGROUP.ORG/WVC-ACADEMY

Date	Course Title
2/26-28	TPLO
3/7-10	Flexible and Rigid Endoscopy
3/25-27	Principles of Fracture Repair
4/4-6	Advanced Soft Tissue Surgery for GP
4/11-13	Core Surgical Procedures
4/16-17	Stifle Surgery
5/5-6	Basic Abdominal Ultrasound
5/16-19	Flexible and Rigid Endoscopy
5/20-21	Double Down on Dentistry
5/20-22	TPLO
6/3-5	Principles of Fracture Repair
6/3-5	Dr. Jack Walther Recent Grad Bootcamp
6/22-23	Stifle Surgery
7/7-9	Intermediate Abdominal Ultrasound
8/15-17	Core Surgical Procedures
8/19-21	Advanced Fracture Repair
8/25-27	Intermediate Abdominal Ultrasound
9/8-10	Advanced Soft Tissue Surgery for General Practitioners
9/9-11	TPLO
9/12-15	Flexible and Rigid Endoscopy
9/23-24	Double Down on Dentistry
10/7-8	Advanced Osteotomies and Techniques
10/10-12	Cardiology
10/13-15	Advanced Soft Tissue Surgery for GP
10/28-29	Stifle Surgery
11/7-10	Flexible and Rigid Endoscopy
11/10-12	Common Surgical Procedures for GP



**FIND YOUR
NEXT
HANDS-ON
COURSE!**

CARDIOLOGY

DENTISTRY

ENDOSCOPY

ORTHOPEDIC

AND MORE...

BOARD OF DIRECTORS

VOTING

YOUR VOICE, YOUR CHOICE!

*Veterinarian, Veterinary Technician or Human Health Physician Participants who attended a Viticus Group event from Feb. 23, 2023, through Feb. 20, 2024 are automatically members of Viticus Group for the 2023 membership year. Participants registered as a veterinarian are eligible to vote for two candidates for the office of Veterinary Director, serving five-year terms, and one candidate for the office of Vice President. Participants registered as a veterinary technician are eligible to vote for one candidate for the office of Vice President. Participants registered as Human Health Physicians are eligible to vote for one candidate for Human Health Director, serving a five-year term and one candidate for the office of Vice President.

Voting will begin on Sunday, Feb. 18 at 1:00p PST and continue through Tuesday, Feb. 20 at 2:00p PST. During this time eligible participants will receive an email with a link that is unique to them. This link may be used to vote once and cannot be forwarded to others.

If you experience technical difficulties or do not receive an email and think you meet the eligibility requirements, please contact Viticus Group for assistance at support@viticusgroup.org or [visit the Tech Zone](#).

The newly elected Board members will be officially welcomed at the Annual Informational Meeting on Wednesday, Feb. 21 at 9:00a.

VITICUS GROUP ANNUAL INFORMATIONAL MEETING

**Open to Viticus Group Members*

Wednesday, Feb. 21, 2024 ▶ 9:00–9:30a

Location: Mandalay Bay, Palm B, Level 3

HOW TO CAST YOUR VOTE:

Review nominee biographic information online at viticusgroup.org, or on the following pages. Cast your vote by clicking on the unique "vote here" link sent via email.

Voting begins Sunday, Feb. 18, at 1:00p PST and is open until 2:00p PST on Tuesday, Feb. 20, 2024.

2024 BOARD CANDIDATES

VICE PRESIDENT ▶ *Vote for 1*

- ▶ Dr. Brian Darrow
- ▶ Dr. Thomas N. Tully, Jr

VETERINARY DIRECTOR ▶ *Vote for 2*

- ▶ Dr. Adam Miller
- ▶ Dr. James O'Dea
- ▶ Dr. Matt Peuser

HUMAN HEALTH DIRECTOR ▶ *Vote for 1*

- ▶ Dr. Racquel Bueno



Use your mobile QR code scanning app to view candidates on Viticus Group website.



YOU DECIDE

CONTINUING EDUCATORS OF THE YEAR

Participants of the 96th WVC Annual Conference are eligible to vote for WVC 2024 Continuing Educators of the Year. The selected speakers will be recognized for their skills and contributions to the conference and veterinary profession. Select speakers by indicating your vote for the top presenter in each category when completing the session surveys.

BOARD OF DIRECTORS

CANDIDATES - VOTE NOW!



DR. BRIAN DARROW, DVM

CANDIDATE FOR VICE PRESIDENT

Dr. Brian Darrow is a mixed animal practitioner from Anamosa, Iowa. He established the Anamosa Veterinary Clinic in 1984, and it has now grown to a 10-doctor practice.

Dr. Darrow has served as an Anamosa City Council member, an Anamosa School Board member, and numerous economic developmental roles. In 2012, he started the Sharon Live on Foundation, which has the mission to eradicate rabies in Kenya, and continues to serve as the foundation President. He also serves on the Board of Directors at Citizens Savings Bank in Anamosa, and is an affiliated faculty member of Iowa State University.

His memberships include AVMA, IVMA, AABP, Academy of Veterinary Consultants, and American Embryo Transfer Association. He has received the Rotary International Award, the Iowa Veterinary Associations Presidents Award, the Iowa State Alumni Merit Award, and has been inducted into the Junior Achievement of Eastern Iowa Business Hall of Fame.

Dr. Darrow has considered it a privilege to serve on the Viticus Group Board of Directors for the past five years. He credits the WVC Annual conference and skills he has acquired at the Oquendo Center for where his practice is today. He would be honored to have for your consideration as he runs for Vice President of the Board of Directors, and he is truly excited to see this organization continue to grow and support our industry.



DR. THOMAS N. TULLY, JR., DVM. MS, DIPLOMATE ABVP (AVIAN), ECZM (AVIAN)

CANDIDATE FOR VICE PRESIDENT

Dr. Thomas N. Tully, Jr. is a Professor of Zoological Medicine in the Veterinary Clinical Sciences Department at Louisiana State University School of Veterinary Medicine (LSU – SVM) where he also serves as Service Chief of the Zoological Medicine Service. During his career he has been employed both as an associate and relief veterinarian. Over the last 30 years he has been active in organized veterinary medicine serving on many committees as well as being elected President of the Association of Avian Veterinarians, European College of Zoological Medicine, and Southwest Veterinary Symposium. Dr. Tully co-edited/co-authored seven veterinary medical books, co-authored A Veterinary Technician's Guide to Exotic Animal Care as well as authoring and co-authoring numerous chapters in other veterinary medical texts. He was CoEditor-In-Chief of the Journal of Exotic Pet Medicine from 2005 – 2018. Dr. Tully now serves as Scientific Editor for the Journal of Avian Medicine and Surgery. passion, everything else in his life is his family.



DR. ADAM MILLER, DVM

CANDIDATE FOR VETERINARY DIRECTOR

Dr. Adam Miller is a highly respected small business owner, veterinarian, and entrepreneur based in Cincinnati, Ohio. A Purdue University graduate with a Doctorate in Veterinary Medicine and a Bachelor's in Business Management, Dr. Miller has a unique perspective on how to proactively improve the Veterinary Industry. His professional journey includes being the founder and president of Distinct Veterinary Management, LLC, overseeing daily operations of veterinary hospitals in Houston, Texas and Cincinnati, Ohio.



DR. JAMES O'DEA, DVM

CANDIDATE FOR VETERINARY DIRECTOR

My name is James O'Dea and I would be honored to have your vote this year as a Director on the Viticus Board. I currently reside in Las Vegas and practice veterinary emergency and critical care medicine at Animal Emergency Center of Las Vegas. I have attended WVC yearly since 2002 and feel that it is one of the most valuable continuing education conferences for veterinarian professionals. I am well acquainted with Viticus Group's educational offerings and mission. I have a strong background in veterinary medicine. I came from a large family of veterinarians (great uncle, father, brother, sister, cousin), all of whom graduated from WSU. I have been a successful small business owner for 7 years. I have worked in emergency and critical care medicine for the past 20 years. I am currently the vice-president for the Nevada State Board of Veterinary Medical Examiners and have served as a board member for the past 5 years. I am also serving as a board member for the Institutional Animal Care and Use Committee for Viticus group. I have aided at the Oquendo center and The Animal Foundation (TAF) for various veterinary related tasks over the years. My practice is contracted with TAF, Homeland Security, LVMPD, and NSPCA to help animals in need after hours. I have a strong working relationship with a large number of veterinarians in the area due to my long tenure at AEC.



DR. MATT PEUSER, DVM, MBA, CVPP, CVA

CANDIDATE FOR VETERINARY DIRECTOR

Matt Peuser, DVM, MBA, CVPP, CVA, graduated from Kansas State University College of Veterinary Medicine in 2007. His first job out of school was in a rural mixed animal practice. He then went on to practice in an AAHA award-winning small animal practice for the next 10 years. During this time he became passionate about pain management, receiving his Certification in Veterinary Medical Acupuncture in 2012 followed by his Certification as a Veterinary Pain Practitioner in 2013.



DR. RACQUEL BUENO, M.D., F.A.C.S.

CANDIDATE FOR HUMAN HEALTH DIRECTOR

Racquel Bueno is a Minimally Invasive Bariatric Surgeon and Surgical Endoscopist providing superior patient care for over 20 years. After medical school and residency training at the University of Hawaii, John A. Burns School of Medicine, a wide breadth of experiences and opportunities shaped her: as a general surgeon in a small midwestern community, as a bariatric surgeon in her hometown of Honolulu, Hawaii; as Medical Director at The Endoscopy Institute of Hawaii, an ambulatory surgical center that she co-founded; and most importantly, as a passionate Surgical Educator. It's through surgical education that she hopes to guide the next generation of surgeons towards opportunities and resources to enrich their careers. Her current work on a Diversity, Equity, and Inclusion initiative project with the Society of American Gastrointestinal and Endoscopic Surgeons, aims to explore potential processes to optimize training environments and cultures.

2023 BOARD OF DIRECTORS



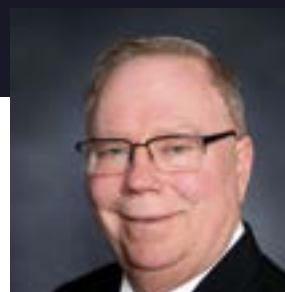
President
Gary D. Weddle
DVM



President-Elect
Heather Prendergast
RVT, CVPM, SPHR



Vice President
Travis McDermott
DVM



Secretary/Treasurer
Parliamentarian
E. David Stearns
RVT



Director
Thomas N. Tully, Jr.
DVM, MS, DABVP (Avian), DECZM (Avian)



Director
Linda Markland
RVT



Director
Brian Darrow
DVM, BS



Director
Megan Skeffington
DVM



Director
Miguel Ortiz
DVM, MID, DACVPM



Director
Meredyth Jones
DVM, MS, DACVIM



Director
Joan S. Bowen
DVM



Director
Dusty Nagy
DVM, MS, PhD DACVIM



Director
Michael P. Jones
DVM, DABVP (Avian)



Director
Patricia Burbano
DVM



Director
Douglas Kratt
DVM



Director
Racquel Bueno
M.D., F.A.C.S.

2023 EDUCATION MANAGERS



Veterinary Technician
Kara Burns
MS, MEd, LVT, VTS (Nutrition)



Avian & Exotics
Cynthia Faux
DVM, DACVIM (Large Animal), PhD



Equine
Caitlin O'Shea
DVM, DACVS-LA, CVA



Food Animal
Robert Sager
DVM, MS, PhD, DABVP



Practice Management
Leslie A. Mamalis
MBA, MSIT, CVA



Moderator/Facilitator
Stuart Galbraith
RVT

PAST PRESIDENTS

MANY THANKS TO OUR PAST PRESIDENTS FOR THEIR LEADERSHIP AND DEDICATION

2023	Debbie White	<i>Las Vegas, NV</i>
2022	Brian Poteet	<i>Houston, TX</i>
2021	Robert Smith	<i>Stillwater, OK</i>
2020	Dennis M. McCurnin	<i>Henderson, NV</i>
2019	Darwin R. Yoder	<i>Filer, ID</i>
2018	W. Mark Hilton	<i>West Lafayette, IN</i>
2017	Joe M. Howell	<i>Nichols Hills, OK</i>
2016	Jon R. Pennell	<i>Las Vegas, NV</i>
2015	George Dyck	<i>Newhall, CA</i>
2014	Randall Ezell	<i>Las Vegas, NV</i>
2013	Dennis McCurnin	<i>Henderson, NV</i>
2012	James Creed	<i>St. George, UT</i>
2011	Cynthia Sprigg-McDowell	<i>Cape Girardeau, MO</i>
2010	Robert Smith	<i>Stillwater, OK</i>
2009	Ann L. Johnson	<i>College Grove, TN</i>
2008	James Furman	<i>Alliance, NE</i>
2007	William D. Fortney	<i>Manhattan, KS</i>
2006	Walter R. Threlfall	<i>Powell, OH</i>
2005	Jack O. Walther	<i>Elko, NV</i>
2004	Charles D. Vail	<i>Littleton, CO</i>
2003	Robert Miller	<i>Columbia, MO</i>
2002	Craig E. Griffin	<i>San Diego, CA</i>
2001	Royal W. Ranney	<i>Rolla, MO</i>
2000	Arthur A. Bickford	<i>Turlock, CA</i>
1999	Ross D. Clark	<i>Tulsa, OK</i>
1998	Clair M. Hibbs	<i>Lynden, WA</i>
1997	Vaughn A. Seaton	<i>Ames, IA</i>
1996	Robert J. Danielson	<i>Caldwell, ID</i>
1995	Wallace W. Wolf	<i>The Dalles, OR</i>
1994	William C. Wafer	<i>Show Low, AZ</i>
1993	Ronnie G. Elmore	<i>Manhattan, KS</i>
1992	James E. Nave	<i>Las Vegas, NV</i>
1991	Lloyd C. Faulkner	<i>Poteau, OK</i>
1990	Clyde A. Kirkbride	<i>Brookings, SD</i>
1989	Toney G. Reynolds	<i>Roswell, MN</i>
1988	Ross O. Mosier	<i>Spalding, NE</i>
1987	Hal E. Jenkins	<i>Tempe, AZ</i>
1986	James W. Glosser	<i>Massillon, OH</i>
1985	Earl L. Drake	<i>Reno, NV</i>
1984	Virgil J. Humphries	<i>Worland, WY</i>
1983	Richard F. Hall	<i>Tifton, GA</i>
1981-82	Philip R. Morgan	<i>Coos Bay, OR</i>
1980	Kenneth D. Weide	<i>Lincoln, NE</i>
1979	James H. Wommack	<i>Roseville, CA</i>
1978	Richard C. Tolley	<i>Chandler, AZ</i>
1977	William W. Hawkins	<i>Dillon, MT</i>
1976	George D. Duby	<i>Chehalis, WA</i>

1975	Guy E. Reynolds	<i>Corvallis, OR</i>
1974	Floyd W. Frank	<i>Moscow, ID</i>
1973	Roy A. Nipko	<i>Salt Lake City, UT</i>
1972	Keith O. Lassen	<i>Mesa, AZ</i>
1971	Reginald A. Stocking	<i>Sunland, CA</i>
1970	Donald Miller	<i>Springfield, VA</i>
1969	Don K. Shaffner	<i>Dillon, MT</i>
1968	William F. Harris	<i>Puyallup, WA</i>
1967	John L. O'Harra	<i>Reno, NV</i>
1966	Edward A. Tugaw	<i>Salt Lake City, UT</i>
1965	James W. Bailey	<i>Moscow, ID</i>
1964	Merthyr L. Miner	<i>Bountiful, UT</i>
1963	Bert Reinow	<i>Pinedale, WY</i>
1962	Lavon M. Koger	<i>Pullman, WA</i>
1961	Harry E. Shaulis	<i>Denver, CO</i>
1960	L.V. Reubel	<i>Jerome, ID</i>
1959	E.E. Maas	<i>Reno, NV</i>
1958	Everette A. Tunnicliff	<i>Bozeman, MT</i>
1957	Hugh Hurst	<i>Salt Lake City, UT</i>
1956	George H. Good	<i>Wheatland, WY</i>
1955	Floyd R. Mencimer	<i>Ogden, UT</i>
1954	Howard F. Wilkins	<i>Helena, MT</i>
1953	Rue Jensen	<i>Fort Collins, CO</i>
1952	W.W. Fisher	<i>Reno, NV</i>
1951	John W. Chambers	<i>Garland, UT</i>
1950	Arthur P. Schneider	<i>Boise, ID</i>
1949	Wayne Binns	<i>Logan, UT</i>
1948	K.K. Shott	<i>Buhl, ID</i>
1947	Ward T. Huffman	<i>Salt Lake City, UT</i>
1946	Phil H. Graves	<i>Aptos, CA</i>
1945	F.H. Melvin	<i>San Clemente, CA</i>
1943-44	A.C. Johnson	<i>Cedar City, UT</i>
1942	A.K. Kuttler	<i>Boise, ID</i>
1941	Jean C. Fling	<i>Estes Park, CO</i>
1940	Hadleigh Marsh	<i>Bozeman, MT</i>
1939	A.H. Francis	<i>Denver, CO</i>
1938	O. Wennergren	<i>Logan, UT</i>
1937	Elton M. Gildow	<i>Lacey, WA</i>
1936	W.H. Hendricks	<i>Salt Lake City, UT</i>
1935	E.A. Bundy	<i>Ogden, UT</i>
1934	L.R. Vawter	<i>Corvallis, OR</i>
1933	H.D. Port	<i>Cheyenne, WY</i>
1932	L.C. Butterfield	<i>Las Vegas, NV</i>
1931	A.J. Dickman	<i>Boise, ID</i>
1930	J.T. Dallas	<i>Cheyenne, WY</i>
1929	W.D. Wright	<i>Ogden, UT</i>
1928	H.J. Frederick	<i>Logan, UT</i>



+ + + + +
Innovation. In practice.

Yes, innovation drives us. But more than that, so do you. Because innovation is nothing without purpose. Every test, analyzer, and solution we create is made with the sole purpose of helping you take care of your patients. Like an analyzer that brings laboratory-level accuracy to your practice. Or a test that detects worms without the presence of eggs. And software that takes the work out of workflow. This is IDEXX innovation, in practice and in your practice.

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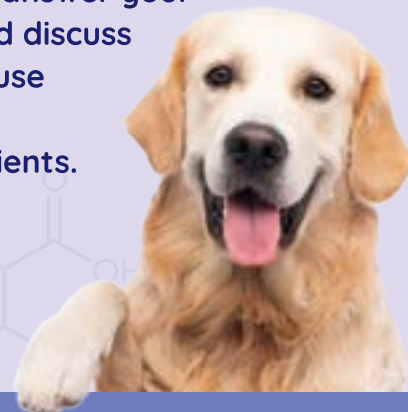
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HONORING EXCELLENCE

Each year, participants select the conference presenters who they feel are superior in their ability to deliver information with insight, accuracy, depth, and openness. Viticus Group sincerely appreciates and recognizes these 2023 Continuing Educators of the Year for their skills and contributions to the conference and the veterinary profession.

2023 EDUCATORS OF THE YEAR SPECIAL RECOGNITION



AVIAN & EXOTICS

Brian Speer

DVM, DABVP (Avian)



EQUINE

Gemma Pearson

BVMS, MRCVS, CERT AVP (EM),
MSCR, CCAB, PhD



FOOD ANIMAL

Christine Navarre

DVM, MS, DACVIM (LAIM)



PRACTICE MANAGEMENT

Amanda Donnelly

DVM, MBA



SMALL ANIMAL

Ralph Harvey

DVM, MS, DACVAA



VETERINARY TECHNICIAN

Katrina Lafferty

CVT, RLAT, BFA,
VTS (Anesthesia & Analgesia)



MODERATOR

Kimberly Pope-Robinson

DVM



MODERATOR

Adrienne Bautista

DVM, DABVT, PhD

2024 Continuing Educators of the Year will be announced on viticusgroup.org after conference.



DISTINGUISHED SERVICE AWARD

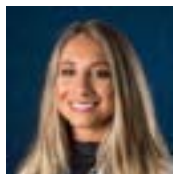
Morgan McArthur
DVM

DR. W. BRUCE WREN FOOD ANIMAL INCENTIVE AWARD (FAIA) RECIPIENTS

Viticus Group applauds these five outstanding postgraduate recipients of the 2024 Dr. W. Bruce Wren Food Animal Incentive Awards and commends their commitment to food animal practice.



Mark Trautmann
DVM
*Texas A&M University
Resident in Large Animal
Internal Medicine*



Alexandra Unis
DVM
*University of Missouri
Rotating Intern in Food Animal
Medicine and Surgery*



Jessica D. Garcia
DVM
*University of Tennessee
Resident in Large Animal
Internal Medicine*



Madison R. Baker
DVM
*The Ohio State University
Resident in Food Animal
Medicine and Surgery*



Mary Jane Drake,
PhD, VMD
*University of Pennsylvania,
New Bolton Center
Resident in Food Animal
Medicine and Surgery*

Dr. Jack Walther Recent Graduate Boot Camp 2023 Scholarship Recipients

The Dr. Jack Walther Recent Graduate Boot Camp Scholarship offers emerging veterinarians the chance to experience a 3-day hands-on course with FREE hotel, meals, and CE included..



Felicity Leonard



Raquel Carbajal



Morgan Russ



Alexandra Hyman



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Sophia Nava



Adrienne Mulholland



Sunny Tung



Angelica Breuker



Sunhee Kim



Erica Addante



Shazia Shafiq



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CIRQUE DU SOLEIL®



BELLAGIO HOTEL & CASINO SUNDAY, FEB. 18, 2024
TIME: 7:00P (DOORS OPEN 6:30P)

RSVP required | Conference badge required for entry | Must be 5 and over
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Day 3: \$500, \$1,000
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VET DETECTIVE

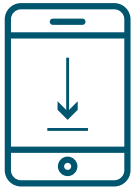
GRAND PRIZE DRAWING

WEDNESDAY
February 21
1:30p

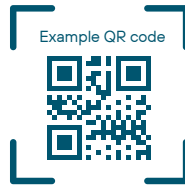
WVC Central inside the
Exhibit Hall
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Thank you to PRN Pharmacal for providing day 1 and 2 giveaways!



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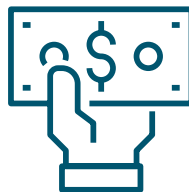


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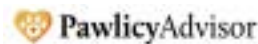


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SUN
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18
8:30A



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Pawsitive vibes found here! At Pawp Up, your one-stop area to recharge during conference, take Instagram-worthy pictures, and catch up with friends!

Visit us on Level 2, Mandalay Bay Convention Center and discover new opportunities to enhance your career through hands-on training with Viticus Group.

Join us at Pawp Up daily for new activities



Network



Tuesday, Feb. 20
9:45–10:00a

Don't miss celebrating Black History Month with BlackDVM Network at WVC! Learn how you can get involved and support Black veterinary student scholarships.



Tuesday, Feb. 20
10:00–11:00a

Join DVMC for coffee and conversations. Network with peers and help promote diversity, equity, inclusion, and belonging in the veterinary industry.

Say Hello!

Stop by and visit the Viticus Group team and chat about year-round CE opportunities and earn cool swag.

Info Booth
Swag Giveaways
Recharging Stations

Career Fair

Tuesday, Feb. 20
6:00–7:00p

Get connected with hiring companies and take the next step to elevate your career.

Hiring Events
Mock Interview
Professional Headshots
Resume Workshops



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MEET US IN PERSON EXHIBIT HALL BOOTH #2880

BLACKDVM NETWORK

Stop by to learn about BlackDVM Network. It is a safe space for Black veterinarians, technicians, and assistants to connect, learn, and empower one another. We provide a community for Black veterinary professionals to advance their careers and access economic opportunities. We believe successful veterinary professionals are core to the advancement of veterinary medicine.

Tuesday, Feb. 20 9:45-10:00a | Pawp Up, Lv 2

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ALUMNI RECEPTIONS

Connect with others from your alma mater and enjoy refreshments and interesting conversations with old and new friends.

Monday, Feb. 19, 2024

4:30–6:30p

SCHOOL	LOCATION	ROOM, LEVEL
University of Illinois	Shoppes at Mandalay Bay	Ri Ra Irish Pub

7:00–9:00p

SCHOOL	LOCATION	ROOM, LEVEL
University of Missouri	Delano	Skyfall Lounge

7:30–9:30p

SCHOOL	LOCATION	ROOM, LEVEL
Auburn University	Mandalay Bay Convention Center	Banyan E
Colorado State University	The Shoppes at Mandalay Place	Slice of Vegas -Marquee Room
Cornell University	Delano	Franklin Lounge
Iowa State University	Shoppes at Mandalay Bay	Hussong's Cantina
Kansas State University	Mandalay Bay	Border Grill
The Ohio State University	Mandalay Bay	Border Grill
Oklahoma State University	Mandalay Bay Convention Center	Jasmine D
Oregon State University, Carlson College of Veterinary Medicine	Mandalay Bay	Ri Ra Irish Pub
Purdue University	Mandalay Bay Convention Center	Oceanside E
Ross University	Mandalay Bay Convention Center	Oceanside F
Tuskegee University	Mandalay Bay Convention Center	Oceanside G
University of California, Davis	Mandalay Bay	Border Grill
University of Pennsylvania, School of Veterinary Medicine	Mandalay Bay	Libertine Social
University of Minnesota	Mandalay Bay	Border Grill
Washington State University	Mandalay Bay Convention Center	Jasmine H

8:00–11:00p

SCHOOL	LOCATION	ROOM, LEVEL
Western University	Mandalay Bay Convention Center	Jasmine H

Locations are subject to change. Please check at the WVC Information Booth located on Level 1 or Level 2 for updated information.



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- 1 Zoetis Booth #1737, Exhibit Hall
- 2 Librela Column Clings, Level 1 Bayside Foyer
- 3 Wall Cling, Pool Walkway
- 4 Base of North Escalators, Level 1
- 5 Librela New Product Showcase, Exhibit Hall
- 6 Viticus Group Pawp Up area, Level 2
- 7 The Zoetis Vet Team Spot (Mon. and Tues.), Exhibit Hall
- 8 Viticus Group Zen Den, Level 3 South Seas Foyer
- 9 Monday Vet Tech Reception, StarBase



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FEBRUARY 18 - 21, 2024 | LAS VEGAS, NV

VET TECH RECEPTION



Monday Feb. 19, 2024

StarBase Las Vegas | Time: 6:30p

Conference badge required for entry

Exclusive event for veterinary technicians and their guests

RSVP Required | Shuttles provided

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Senvelgo[®]

(velagliflozin
oral solution)

15mg/ mL

For oral use in cats only

Sodium-glucose cotransporter 2 (SGLT2) inhibitor

Caution: Federal law restricts this drug to use by or on the order of a licensed veterinarian.

WARNING: DIABETIC KETOACIDOSIS/EUGLYCEMIC DIABETIC KETOACIDOSIS

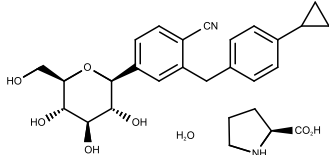
- Cats treated with SENVELGO may be at an increased risk of diabetic ketoacidosis or euglycemic ketoacidosis (see Adverse Reactions). As diabetic ketoacidosis and euglycemic ketoacidosis in cats treated with SENVELGO may result in death, development of these conditions should be treated promptly, including insulin administration and discontinuation of SENVELGO (see Monitoring).

- Due to the risk of developing diabetic ketoacidosis or euglycemic ketoacidosis, do not use SENVELGO in cats with diabetes mellitus who have previously been treated with insulin, who are receiving insulin, or in cats with insulin-dependent diabetes mellitus (see Contraindications).

- SENVELGO should not be initiated in cats with anorexia, dehydration, or lethargy at the time of diagnosis of diabetes mellitus or without appropriate screening tests (see Animal Safety Warnings).

Description: SENVELGO[®] (velagliflozin oral solution) equal to velagliflozin L-proline H₂O 20.051 mg/mL, is a clear, colorless to slightly yellow, to slightly brown, liquid multi-dose preparation consisting of 1.5% w/v velagliflozin in an aqueous mixture of propylene glycol and ethanol intended for oral use in cats. SENVELGO is an orally active, sodium-glucose cotransporter 2 (SGLT2) inhibitor.

The chemical name of velagliflozin is 2-(4-(cyclopropyl-benzyl)-4-((2S,3R,4R,5S,6R)-3,4,5-trihydroxy-6-hydroxymethyltetrahydropyran-2-yl)-benzonitrile. It forms a co-crystal with L-proline ((S)-pyrrolidine-2-carboxylic acid) as a monohydrate and velagliflozin, L-proline and H₂O are in 1:1:1 ratios. Its empirical formula is C₂₃H₂₈NO₃ x C₅H₉NO₂ x H₂O, its molecular formula is C₂₈H₃₈N₂O₆, and its structural formula is:



Indication: SENVELGO is indicated to improve glycemic control in otherwise healthy cats with diabetes mellitus not previously treated with insulin.

Dosage and Administration: Always provide the Client Information Sheet with each prescription.

Dosing instructions:

The SENVELGO dose is 0.45 mg/lb of body weight (1 mg/kg), once daily regardless of blood glucose level. The dose may be administered directly into the mouth or with a small amount of wet food. Do not mix into food. The solution should be given at approximately the same time every day. If a dose is missed, it should be given as soon as possible on the same day. If the cat vomits within 30 minutes of dosing, the dose can be repeated.

SENVELGO should be administered using the dosing syringe provided in the package. The dosing syringe fits onto the bottle and has a body weight scale with increments per pound of body weight. The dose should be rounded down to the nearest pound. After administration, close the bottle tightly with the cap. If needed, the syringe can be cleaned with a clean, dry cloth.

Prior to initiation of treatment:

Prior to initiation of SENVELGO, the veterinarian should ensure the cat is alert, active, eating, and drinking. The veterinarian should conduct a physical examination, obtain a medical history, CBC, serum chemistry, serum fructosamine, and urinalysis including evaluation for ketonuria (see **Animal Safety Warnings**).

If there is a delay of more than a week between diagnosis of diabetes mellitus and initiation of SENVELGO, the veterinarian should re-evaluate the cat with a full physical examination and updated history to ensure the cat still meets the criteria described above. A delay of more than a week between diagnosis and starting SENVELGO may increase the risk of developing diabetic ketoacidosis.

Monitoring of cats receiving SENVELGO:

Sudden onset of hypoxemia/anorexia, lethargy, dehydration, or weight loss in cats receiving SENVELGO should prompt immediate discontinuation of SENVELGO and assessment of diabetic ketoacidosis, regardless of blood glucose level.

• **Evaluate for ketonuria 2 to 3 days after initiation of treatment and approximately 7 days after initiation of treatment and anytime the cat shows signs of illness.** If ketonuria is present, discontinue SENVELGO and promptly treat with insulin, even if blood glucose is normal.

• During the first 4 weeks after initiation of SENVELGO, glycemic control and clinical improvement should be evaluated.

- A physical examination, blood glucose curve, serum fructosamine, and body weight should be assessed at 1 and 4 weeks after initiating SENVELGO.

- SENVELGO should be discontinued, and initiation of insulin considered, in cats demonstrating poor glycemic control (weight loss, average blood glucose from a glucose curve > 300 mg/dL or fructosamine values suggesting poor control (> 450 µmol/L) after 4 weeks of treatment).

• During ongoing treatment with SENVELGO, blood glucose, fructosamine, urinary ketones, serum chemistry, body weight, hydration status, and clinical signs of diabetes mellitus should be routinely monitored.

- Presence of ketonuria should prompt discontinuation of SENVELGO and transition to insulin.

- Cats with increasing or persistently elevated triglyceride or cholesterol levels may have declining glycemic control or pancreatitis, and may be at risk of developing diabetic ketoacidosis or euglycemic diabetic ketoacidosis (diabetic ketoacidosis with normal blood glucose levels). Consider further evaluation and discontinuation of SENVELGO in these cats.

- Increasing or persistently elevated feline pancreas-specific lipase (fPL) should prompt further evaluation for pancreatitis and consideration of discontinuation of SENVELGO.

- Initial mild weight loss may be seen with SENVELGO associated with its mode of action (glucosuria and caloric wasting). Unintentional weight loss which doesn't improve or stabilize within 7 days may indicate the need to evaluate for concurrent disease and consideration of discontinuation of SENVELGO (see **Adverse Reactions**).

- If clinical signs of illness occur, evaluate the cat as soon as possible to ensure it is not at risk for diabetic ketoacidosis or euglycemic diabetic ketoacidosis (see **Animal Safety Warnings**).

- SENVELGO should be discontinued if the cat's clinical condition declines and/or glycemic control worsens after initial improvement.

• Cats may present with diabetic ketoacidosis and a normal blood glucose concentration (euglycemic diabetic ketoacidosis). Delay in recognition and treatment of diabetic ketoacidosis and euglycemic diabetic ketoacidosis may result in increased morbidity and mortality.

• Development of diabetic ketoacidosis or euglycemic ketoacidosis requires the following actions:

- Discontinuation of SENVELGO

- Prompt initiation of insulin therapy

- Administration of dextrose or other carbohydrate source, regardless of blood glucose concentration

- Appropriate nutritional support should be promptly initiated to prevent or treat hepatic lipidosis.

Contraindications: Do not use SENVELGO in cats with diabetes mellitus who have previously been treated with insulin, who are receiving insulin, or in cats with insulin-dependent diabetes mellitus. The use of SENVELGO in cats with insulin-dependent diabetes mellitus, or the withdrawal of insulin and initiation of SENVELGO, is associated with an increased risk of diabetic ketoacidosis or euglycemic diabetic ketoacidosis and death.

Warnings:

User Safety Warnings: Not for use in humans. Keep out of reach of children.

Wash hands after use. This product may cause mild eye irritation. Avoid contact with eyes. If the product accidentally gets into the eyes, rinse eyes immediately with plenty of water; if wearing contact lenses, rinse the eyes first then remove contact lens(es) and continue to rinse for 5-10 minutes. If eye irritation continues or accidental ingestion occurs, seek medical advice and provide this product information to the physician. Exposure to product may induce local or systemic allergic reaction in sensitized individuals. Oral exposure to velagliflozin may cause transient effects such as increased renal glucose excretion, increased urine volume, and hypoglycemia.

Animal Safety Warnings:

• SENVELGO should not be initiated in cats with:

- Anorexia, dehydration, or lethargy at the time of diagnosis of diabetes mellitus as it may indicate the presence of other concurrent disease and increase the risk of diabetic ketoacidosis.

- Ketonuria, ketonemia, or suspected diabetic ketoacidosis or a history of the same

- Clinical suspicion of pancreatitis within the last month based on clinical signs, serum fPL > 12 mcg/L, and/or diagnostic imaging consistent with pancreatitis.

- Chronic or unresponsive diarrhea

- Cachexia

- Bilirubin > 0.5 mg/dL

- Creatinine > 2 mg/dL

• SENVELGO may cause a mild increase in serum creatinine, blood urea nitrogen (BUN), phosphorus, and sodium in cats with or without chronic kidney disease within weeks of starting therapy, followed by a stabilization of values.

• Cats with baseline creatinine between 1.6 and 2 mg/dL when SENVELGO treatment is started should be closely monitored for signs of volume depletion/dehydration and body weight loss. Renal function should be monitored within the first week of treatment initiation and then according to standard chronic kidney disease guidelines. SENVELGO has not been evaluated in cats with baseline creatinine > 2 mg/dL.

• Cats should be screened for urinary tract infections and treated, if indicated, when initiating SENVELGO. Cats treated with SENVELGO should be monitored for urinary tract infections and treated promptly.

• Cats should be evaluated for concurrent disease including pancreatitis, infectious disease, urinary tract infection, neoplasia, and hypersomatotropism (acromegaly) before initiating and while receiving SENVELGO as these conditions may increase the risk of developing diabetic ketoacidosis.

• Persistently low or worsening serum chloride values compared to the pre-treatment value may indicate the development of diabetic ketoacidosis or euglycemic diabetic ketoacidosis.

• SENVELGO may cause increased serum calcium and persistent elevations may require additional diagnostics. Persistent elevated calcium has been associated with increased risk of calcium-containing urolith formation in other SGLT2 inhibitors.

• Cats should be closely monitored for development of diabetic ketoacidosis or euglycemic diabetic ketoacidosis (for example, ketonuria or anorexia) after stopping SENVELGO. Euglycemia may persist for 2 to 3 days after stopping SENVELGO.

• Keep SENVELGO in a secure location out of reach of dogs, cats, and other animals to avoid accidental ingestion or overdose.

Precautions:

• Consider temporarily discontinuing SENVELGO during times of decreased caloric intake, such as surgery or decreased appetite, as continued administration of SENVELGO may increase the risk of diabetic ketoacidosis.

• SENVELGO contains propylene glycol. When cats are administered SENVELGO at the 1 mg/kg/day dose, cats receive 40 mg/kg/day of propylene glycol. Exceeding 80 mg/kg/day of propylene glycol may result in excess hepatic glycogen stores. Use caution when administering SENVELGO to cats receiving other products that contain propylene glycol.

• Glucosuria may persist for 2-3 days after stopping SENVELGO. In cats receiving SENVELGO, glucosuria is not a reliable indicator for monitoring glycemic control.

• The safety and effectiveness of SENVELGO has not been evaluated in cats with chronic kidney disease (IRIS (International Renal Interest Society) Stages 3 and 4).

• The concurrent use of volume depleting drugs in cats treated with SENVELGO has not been evaluated.

• SENVELGO has not been evaluated with concurrent use of insulin or other blood glucose lowering treatments.

• The safety and effectiveness of SENVELGO in breeding, pregnant, and lactating cats has not been evaluated.

Adverse Reactions:

Two hundred fifty-two (252) cats with diabetes mellitus were enrolled in a 180-day multicenter field study. Safety data were evaluated in 252 cats treated with at least one dose of SENVELGO. Regardless of blood glucose level, cats received SENVELGO at a dose of 0.45 mg/lb once daily. The most common adverse reactions were diarrhea or loose stool, weight loss, vomiting, polyuria, polydipsia, and elevated blood urea nitrogen (BUN). The table below summarizes the adverse reactions reported in the study.

Adverse Reactions	Frequency (N=252) Number (%)
Diarrhea (including loose stool)	132 (52.3%)
Weight loss*	111 (44%)
Vomiting	92 (36.5%)
Polyuria	46 (18.3%)
Polydipsia	42 (16.7%)
BUN†	39 (15.5%)
Anorexia or hyporexia	34 (13.5%)
Hypersalivation and/or gagging	33 (13.1%)
Urine specific gravity > 1.060	29 (11.5%)
Dehydration	28 (11.1%)
Lethargy	20 (7.9%)
Polyphagia	19 (7.5%)
Urinary tract infections/cystitis	18 (7.1%)
Diabetic ketoacidosis or euglycemic diabetic ketoacidosis‡	18 (7.1%)
Hypercalcemia	16 (6.3%)
Ketonuria§	14 (5.6%)
Inappropriate urination	14 (5.6%)
Death or euthanasia	13 (5.2%)
Elevated AST and/or ALT**	12 (4.8%)
Hypertriglyceridemia††	12 (4.8%)
Hyperphosphatemia	12 (4.8%)
Elevated fPL	11 (4.4%)
Pancreatitis	10 (4.0%)
Elevated creatinine	9 (3.6%)
Hepatic lipidosis	6 (2.4%)
Urinary incontinence	3 (1.2%)

* Approximately 80 cats had weight loss during the first week of treatment, likely due to dehydration and/or caloric wasting from glucosuria.

† Most cats had elevations ≤ 1.5X upper limit of normal (ULN).

‡ All but 5 cases occurred within 2 weeks of starting SENVELGO. Twelve of these cats had euglycemic diabetic ketoacidosis.

§ These cats did not progress to diabetic ketoacidosis and all but one developed ketonuria within a week of starting SENVELGO. The cats discontinued SENVELGO and transitioned to insulin.

** Four of these cats had AST (aspartate aminotransferase) and/or ALT (alanine aminotransferase) > 2X ULN.

†† These cats sometimes also had elevated cholesterol.

The following adverse reactions were seen in the study with < 1% frequency: elevated creatine kinase (> 3X ULN), hypoglycemia without clinical signs (glucose ≤ 50 mg/dL), anemia, abnormal behavior, bradycardia, and dermatitis.

Ketonuria and diabetic ketoacidosis: Thirty-two (32) cats developed ketonuria, diabetic ketoacidosis or euglycemic diabetic ketoacidosis and were removed from the study. Twenty-six (26) of these cats developed ketonuria, diabetic ketoacidosis, or euglycemic diabetic ketoacidosis within the first 7 days of treatment with SENVELGO. Thirteen (13) of these cats developed ketonuria without further progression to diabetic ketoacidosis or euglycemic ketoacidosis and were transitioned to insulin. An additional thirteen (13) cats developed diabetic ketoacidosis or euglycemic ketoacidosis. Nine cats recovered after hospitalization and intensive treatment. Three of the 9 cats had concurrent conditions: hepatopathy (1), hepatic lipidosis (1), and pancreatitis and hepatic lipidosis (1). Four of the 13 cats were euthanized; three because the owners declined treatment and one cat was euthanized after not responding to hospitalization and intensive treatment.

Six cats developed ketonuria, diabetic ketoacidosis or euglycemic diabetic ketoacidosis after the first 7 days of treatment. One cat developed ketonuria without progression to diabetic ketoacidosis or euglycemic ketoacidosis after more than 4 months on SENVELGO. Five cats developed diabetic ketoacidosis or euglycemic ketoacidosis. Two cats (one with concurrent pancreatitis and hepatic lipidosis) were treated and recovered. One with concurrent pancreatitis was treated and recovered but died several days later. Two of the five cats were euthanized; one cat was euthanized after poor response to hospitalization and intensive therapy; and one was euthanized due to declining condition unrelated to diabetic ketoacidosis.

Thirty-eight enrolled cats had been previously treated with insulin. Of those 38 cats, 12 (32%) developed ketonuria, diabetic ketoacidosis, or euglycemic diabetic ketoacidosis during the first week and were removed from the study. These 12 cats are included in the 26 cases reported above and represent 46% of the cases removed in the first week of treatment due to ketonuria or ketoacidosis.

Death and euthanasia: Nineteen cats died (3) or were euthanized (16) during the study, or shortly following removal from the study, with thirteen possibly related to SENVELGO use or declining glycemic control. In addition to 6 of the cases associated with diabetic ketoacidosis described above, euthanasia was associated with the following conditions (number of cats): acute renal failure within a week of starting SENVELGO (1), worsening or emergent urinary incontinence associated with poor glycemic control (2), worsening polyuria/polydipsia and inappropriate urination (1), progressive signs of diabetes mellitus (1), declining condition and suspected pancreatitis (1), azotemia and lack of effect within a week of starting SENVELGO and possible concurrent hypersomatotropism (1).

Contact Information: To report suspected adverse drug events, for technical assistance, or to obtain a copy of the Safety Data Sheet (SDS), contact Boehringer Ingelheim Animal Health at 1-888-637-4251. For additional information about adverse drug experience reporting for animal drugs, contact FDA at 1-888-FDA-VETS or online at www.fda.gov/reportanimalae.

Information for Cat Owners: Please provide and review the Client Information Sheet with cat owners to ensure they understand the entire contents before SENVELGO is administered. The Client Information Sheet contains important information regarding the use of SENVELGO. Owners should be advised to discontinue SENVELGO and contact a veterinarian immediately if their cat develops anorexia, lethargy, vomiting, diarrhea, or weakness.

Clinical Pharmacology:

Mechanism of Action:

Velagliflozin is an inhibitor of sodium-glucose cotransporter 2 (SGLT2), the renal transporter responsible for reabsorption of glucose from the glomerular filtrate back into the circulation. By inhibiting SGLT2, velagliflozin reduces the reabsorption of filtered glucose and lowers the renal threshold for glucose, thereby increasing urinary glucose excretion.

Pharmacokinetics: In a laboratory study conducted to determine the prandial state of maximum exposure, systemic exposure for velagliflozin was greater in the fasted state than in the fed state by 170% for the mean maximum observed plasma concentration (C_{max}), and by 45% for the mean area under the plasma concentration versus time curve (AUC) from dosing (time 0) to the last quantifiable concentration (AUC_{0-last}), respectively.

In a well-controlled, laboratory margin of safety study in healthy, adult cats (see **Target Animal Safety**), after repeat daily oral dosing for six months, a slight to moderate increase in exposure to velagliflozin was observed. In addition, a tendency for a less than dose proportional increase of maximum plasma concentration (C_{max}) and exposure (AUC) over the tested dose range was noted.

Following oral administration of SENVELGO in cats at 1 mg/kg, velagliflozin was rapidly absorbed with a median time to maximum concentration of 0.25 hours. The velagliflozin mean (\pm standard deviation) C_{max} was 1030 (\pm 361) ng/mL and the mean AUC_{0-last} to the last quantifiable plasma concentration was 3295 (\pm 1098) day*ng/mL. The elimination half-life of velagliflozin was 3.68 (\pm 0.34) hours.

Effectiveness: Two hundred and fifty-two (252) cats diagnosed with diabetes mellitus were enrolled in a 180-day multicenter field study. The cats included various purebred and mixed breed cats ranging in age from 4 to 18 years and in weight from 5.7 to 26.5 lbs (2.6 to 12 kg). Cats were administered SENVELGO at a dose of 0.45 mg/lb (1 mg/kg) orally, once daily, regardless of blood glucose level, beginning on Day 0. Cats were evaluated at Days 2 or 3, and Days 7 and 30 and then monthly.

Treatment success was evaluated on Day 30 and was defined as improvement in at least one clinical sign of diabetes mellitus (polyuria, polydipsia, unintended weight loss, polyphagia, or diabetic neuropathy) and improvement in at least one blood glucose variable (blood glucose curve mean or serum fructosamine).

Of 198 cats included in the effectiveness-evaluable population:

- 175 cats (88.4%) were considered a treatment success on Day 30 (lower bound of the two-sided 90% confidence interval was 84%).
- Mean blood glucose decreased from 446.4 mg/dL (single fasted sample) prior to Day 0 to 169.8 mg/dL (blood glucose curve mean) on Day 30
- Mean fructosamine levels decreased from 551.4 μ mol/L prior to Day 0 to 332.0 μ mol/L on Day 30.
- Improvements in the clinical signs of polyuria, polydipsia, body weight, polyphagia, and diabetic neuropathy on Day 30 were observed in 125/177 (71%), 128/176 (73%), 133/167 (80%), 33/80 (41%), and 7/30 cats (23%), respectively.
- 157 cats completed the 180-day study

Target Animal Safety: In a well-controlled laboratory margin of safety study, SENVELGO was administered orally to fasted, healthy, 8 to 9 month old cats at 0, 1, 3, or 5 mg/kg body weight (corresponding to 1X, 3X or 5X the intended labeled point dose of 1 mg/kg) once daily for 26 weeks (6 months). Control cats (0 mg/kg) received saline at a volume equal to the 5 mg/kg dose. There were eight cats per group (4 females, 4 males). All cats survived the study and there were no SENVELGO-related effects on ophthalmic examinations, indirect systolic blood pressure measurements, and blood coagulation parameters. Hypersalivation and vomiting after dose administration occurred infrequently and was only observed in the groups that received SENVELGO.

During physical examinations on Days 14 and 28, there was a drug-related decrease in heart rate (< 140 bpm) in the cats that received SENVELGO compared to the control cats. There were no other drug-related effects on physical examinations.

Polydipsia, glucosuria, decreased urine creatinine, and diarrhea were reported more frequently in cats that received SENVELGO than in control cats.

Reddish, mucoid feces were observed in three instances in the 1X group cats. One cat in the 5X group had decreased activity, vomiting, and reduced feed consumption for one day, and reddened rectal mucous membranes were observed over the next 5 days. Two cats (3X and 5X groups) were each observed to have a reddened prepuce with white-yellow discharge twice during the study that was not associated with abnormal urinalyses.

Food consumption was higher in the cats that received SENVELGO compared to the control cats. The rate of body weight gain was lower in the 5X group cats compared to cats in the control, 1X and 3X groups.

There were drug-related increases in reticulocyte count, mean corpuscular hemoglobin, mean corpuscular volume, and Heinz body percentage, and a decrease in mean corpuscular hemoglobin concentration in the cats that received SENVELGO compared to control cats. None of the cats showed any clinical signs of anemia and the number of erythrocytes, hemoglobin, and hematocrit values were normal. There was no effect of SENVELGO on white blood cells and platelets.

There were drug-related increases in serum magnesium, albumin, cholesterol, and triglycerides in the cats that received SENVELGO, with some magnesium, serum albumin and triglyceride values above the reference range. There was a drug-related decrease in mean BUN in the cats that received SENVELGO. There were no other treatment-related changes in serum chemistry parameters, including serum glucose and symmetric dimethylarginine (SDMA).

A reticular pattern was observed on the surface of the liver of one control, three 1X, four 3X, and three 5X group cats.

How Supplied: SENVELGO (velagliflozin oral solution) 15 mg/mL, 30 mL nominal fill volume is supplied in a 45 mL plastic bottle with dosing syringe.

NDC 0010-4614-01

Storage Information: SENVELGO can be stored at or below 77°F (25°C) with excursions permitted up to 104°F (40°C). Once the bottle is opened, use the contents within six months.

Approved by FDA under NADA # 141-568

Marketed by:

Boehringer Ingelheim Animal Health USA Inc.
Duluth, GA 30096

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Revised 06/2023

JUST WHAT CATS ORDERED

*A convenient, once-daily
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for feline diabetes*



**Simplify feline diabetes treatment for cats and their owners
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- Delivers sustained glycemic control starting as soon as 1 week for most cats^{1,2}
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- Well accepted by most cats¹



Scan for more details!

3 Months' Supply*

*Based on average cat weight of 11 lbs

1. Data on file at Boehringer Ingelheim.

2. SENVELGO® (velagliflozin oral solution) [Freedom of Information Summary; NADA 141-568]. St. Joseph, MO: Boehringer Ingelheim Vetmedica, Inc.; 2023.

3. SENVELGO® (velagliflozin oral solution) prescribing information.

IMPORTANT SAFETY INFORMATION: SENVELGO® (velagliflozin oral solution) is indicated to improve glycemic control in otherwise healthy cats with diabetes mellitus not previously treated with insulin. **Before using this product, it is important to read the entire product insert, including the boxed warning.**

Cats treated with SENVELGO may be at an increased risk of diabetic ketoacidosis or euglycemic diabetic ketoacidosis, both of which may result in death. Development of these conditions should be treated promptly, including insulin administration and discontinuation of SENVELGO.

Do not use SENVELGO in cats with diabetes mellitus who have previously been treated with insulin, who are receiving insulin, or in cats with insulin-dependent diabetes mellitus. The use of SENVELGO in cats with insulin-dependent diabetes mellitus, or the withdrawal of insulin and initiation of SENVELGO, is associated with an increased risk of diabetic ketoacidosis or euglycemic diabetic ketoacidosis and death.

Sudden onset of hyporexia/anorexia, lethargy, dehydration, or weight loss in cats receiving SENVELGO should prompt immediate discontinuation of SENVELGO and assessment for diabetic ketoacidosis, regardless of blood glucose level. SENVELGO should not be initiated in cats with ketonuria, ketonemia, pancreatitis, anorexia, dehydration, or lethargy at the time of diagnosis of diabetes mellitus, as it may indicate the presence of other concurrent disease and increase the risk of diabetic ketoacidosis.

Keep SENVELGO in a secure location out of reach of **children**, dogs, cats, and other animals to avoid accidental ingestion or overdose. **For more information, please refer to the enclosed package insert or visit [SENVELGOclinic.com](https://www.senvelgoclinic.com).**



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DESERT ACTIVATED

TUESDAY FEB. 20

8:00P | MANDALAY BAY BALLROOM, LEVEL 2



VITICUSGROUP™
WVC ANNUAL CONFERENCE
FEBRUARY 18 - 21, 2024 | LAS VEGAS, NV



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EXHIBIT HALL

EXHIBIT HALL HOURS

Monday, Feb. 19

9:00a–5:00p

Tuesday, Feb. 20

9:00a–5:00p

Wednesday, Feb. 21

9:00a–2:00p

EXHIBIT HALL BREAK SCHEDULE

Monday, Feb. 19

9:00–10:35a, 12:25–2:00p, 3:50–4:35p

Tuesday, Feb. 20

9:50 – 10:35a, 12:25 – 2:00p, 3:50 – 4:35p

Wednesday, Feb. 21

9:50 – 10:35a, 12:25 – 2:00p



WVC Central

Join us at Zoetis Vet Team Spot within WVC Central on **Monday, Feb. 19** and **Tuesday, Feb. 20** for practical and relevant CE that's not to be missed!

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EARN CE INSIDE
THE EXHIBIT HALL

NEW LEARNING LOUNGES

Let's go back in time with our new learning lounges! Join our **three new educational areas** to earn CE in a different way, and walk back to the 50s to discover how far the WVC Annual Conference has evolved through time, shaping the veterinary world.

Educational sessions introducing new products, procedures and helpful tips to invigorate your clinic.

Thanks to all of the exhibitors and sponsors whose participation and involvement have made our Exhibit Hall an integral part of our Annual Conference for the last 51 years! We invite you to celebrate with us as we look forward to the next 50+ years and beyond.



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Monday-Tuesday 9:00a - 4:00p

Wednesday 9:00a- 2:00p

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EDUCATION PROGRAM

2024 EDUCATION PROGRAM & GUIDE

Participants must wear a conference badge at all times. Admission to education sessions is not allowed for guests and children under the age of 18. Guests who wish to attend educational program lectures must purchase a participant badge. Use the following session number prefix guide to assist your navigation of the 2024 Education Program.

CE CREDIT INFORMATION*

Full Conference Registration for Veterinarians with Labs	Up to 43.5 CE Hours*
Full Conference Registration for Veterinarians and Technicians without Labs	Up to 37.5 CE Hours
One-day Conference	7-10 CE Hours

Each 50-minute lecture provides one hour of CE credit. Please check with your respective state regarding the acceptance of hours spent inside the Exhibit Hall for continuing education credit.

SESSION ID

SA Small Animal	S Symposium
EX Avian & Exotics	IS Industry Seminar
FA Food Animal	WS Workshop
EQ Equine	H0 Hands-on Laboratory
VT Veterinary Technician	EL Learning Lounge
PM Practice Management	NV NAARV Symposia

SPECIAL DESIGNATION ICONS

 Veterinarian	 Veterinary Technician
 Practice Manager	 Veterinary Student

*Additional fee applies.

Program current as of 1/26/24; subject to change.
Please visit viticusgroup.org/wvc-conference for most up-to-date information.

CE CREDIT BY DAY*

Saturday, February 17	6 CE Hours*
Sunday, February 18	8 CE Hours* 8 CE Hours
Monday, February 19	10 CE Hours
Tuesday, February 20	10 CE Hours
Wednesday, February 21	10 CE Hours

*Includes hours obtained by purchasing hands-on labs or workshops (additional fees apply)

CE CREDIT CALCULATIONS

25 minute sessions = 0.5 CE credit hour
50 minute sessions = 1 CE credit hour

Hands-on labs and workshops are accredited based on the hours attended.
To qualify for your CE certificate, your badge must have been printed.



Practice Management track is approved for 73 CE units by VHMA

Viticus Group is an approved continuing education provider. Participants should be aware that some boards have limitations on the number of hours accepted in certain categories and/or restrictions on certain methods of delivery of continuing education. Individual participants are responsible for compliance to the policies of their individual state board.

Email Education@Viticusgroup.org for more information.

TRACKING SESSIONS FOR CE CREDIT/RECORD OF SESSIONS ATTENDED

We use badge-scanning technology to assist you in tracking the conference sessions you attend. Please enter the doorway nearest to the room signage to ensure that your attendance is recorded. Following the conference, you can access your record of sessions attended in the "My Account" section of the website. You are responsible for confirming that the sessions you attend comply with the state requirements where you are licensed. We do not track time in the Exhibit Hall for CE.



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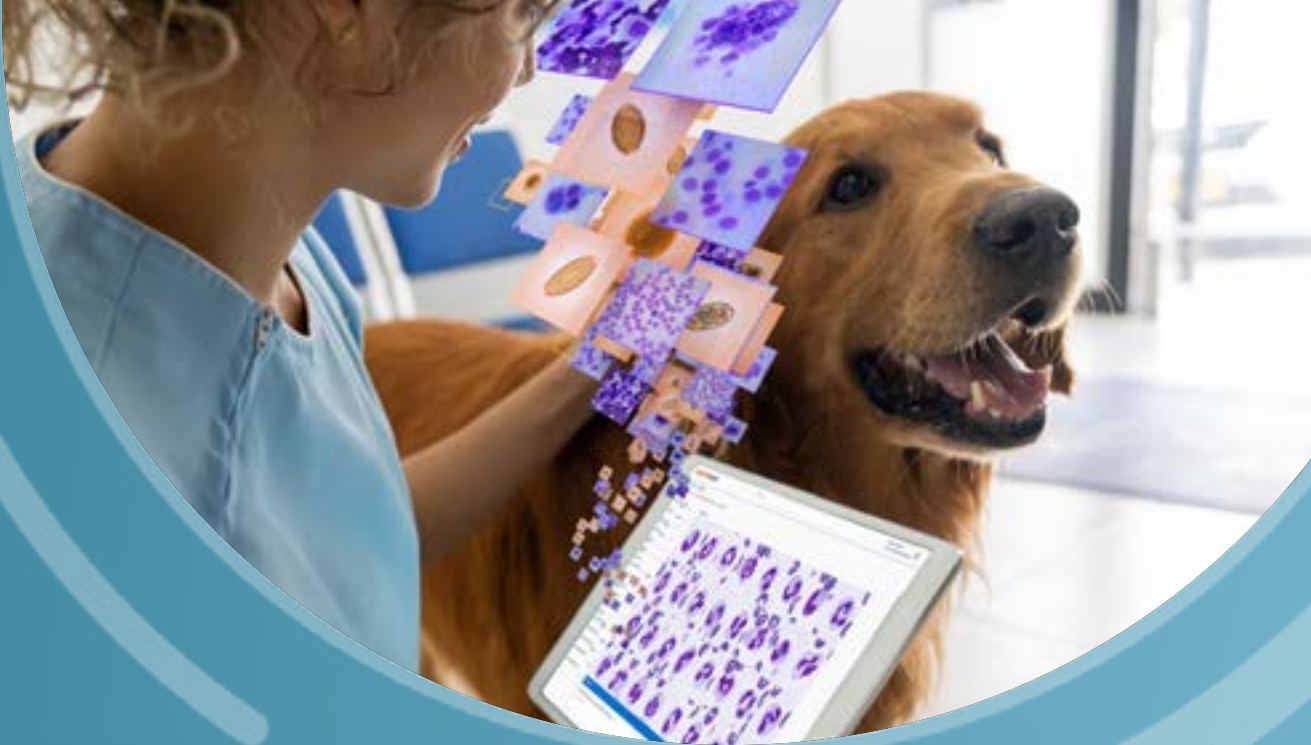
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1. Study Report No. D870R-US-21-045 (v1.0)
2. Study Report No. D870R-US-22-053

3. Nagamori, Y, et al., Parasit Vectors, 202
4. Study Report No. DHXMZ-US-23-218



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With gratitude to our WVC 2024 speakers for the knowledge and talent they share with the veterinary and one health profession.

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DVM

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CVJ

Christine Navarre
DVM, MS, DACVIM (LAIM)

Dave Nichol
DVM

Terence O'Neil
CPA, CVA

Caitlin O'Shea
DVM, DACVS-LA, CVA

2024 SPEAKERS

Vicky Ograin
RVT, MBA, VTS (Nutrition)

Harley Orion

Gary Oswald
MS, DACVIM (SAIM), DVM

Heather Owen
DVM, CCRP, MAV

Christopher Pachel
DVM, DACVB, CABC

Ross Palmer
DVM, DACVS, MS

Jon Patterson
DVM, DACVP, PhD

Brad Patton
BS BUSINESS ADMINISTRATION

Ken Pawlowski
DVM

Cory Penn
DVM

Tim Perciful

Stefanie Perry
CVT, VTS (Dentistry)

Steven Petersen
DVM, DACVS, DACVSMR

Michael Petty
DVM, CVPP, CCRT

Armi Pigott
DVM, DACVECC

Andy Plum
DVM

Paige Pratt

Heather Prendergast
RVT, CVPM

Stacy Pursell
CPC, CERS

Jennifer Quammen
DVM, MPH, BS

Jessica Quimby
DVM, DACVIM (SAIM), PhD

Donna Raditic
DVM, CVA, DACVIM (NUTRITION)

Lisa Radosta
DVM, DACVB

Greg Ramos
DVM, MPVM

Alan Rebar
DVM, DACVP, PhD

Jaime Rechy
DVM, DACVR

Roger Redman
DVM

Kathryn Reif
MSPH, PhD

Carol Reinero
DVM, DACVIM (SAIM), PhD

Addie Reinhard
DVM, MS

Heidi Reuss-Lamky
LVT, VTS (ANESTHESIA/ANALGESIA & SURGERY)

Michelle Rice
RVT, VTS (ECC)

Andy Roark
DVM, MS

Sheilah Robertson
DACA, DECVAA, BVMS (HONS), CertVA,

PhD, DACVAA, DECAWBM (AWSSEL),
FRCVS.

Jessica Rodriguez
DVM, DACVM (PARASITOLOGY), PhD

Denise Rollings
CVT, VTS (Dentistry)

Eric Rooker
DVM

Rebecca Rose
RVT

Michael Rossi
DVM, MS, DACVD

Keren Rozensher
DVM

Peter Sacopulos
JD

Bob Sager
DVM, PhD, DABVP (Beef Cattle)

Jessie Sanders
DVM

Stacey Santi
DVM

Bridget Savitske
DVM

Alison Savo
DVM

William Saxon
DVM, DACVIM (SAIM), DACVECC

Brian Scansen
DVM, MS, DACVIM (Cardiology)

Thomas Schermerhorn
VMD, DACVIM (SAIM)

Jennifer Schissler
DVM, MS, DACVD

Rob Schnurr
DVM, DACVR, MS

Erica Schumacher
DVM

Mary Schwartz
CVT

Kristin Scott
DVM, DAVDC

J. Catharine Scott-Moncrieff
MA, MS, DACVIM (SAIM)

Neil Shaw
DVM, DACVIM (SAIM)

Jen Sheehy
DVM

Galia Sheinberg
MVZ, ESP, DLACVD

Reynsen Shigemoto
DVM, DACVR, MS

Darcie Sidelinger
DVM, DACT

Katie Simpson
DVM, MS, DACVIM (Large Animal)

Kenneth Simpson
DACVIM (SAIM), DECVIM, PhD

Ameet Singh
DVM, DVSC, DACVS-SA

Chris Smith
DVM

Sara Sokolik
DVM, MPH

Craig Spinks

Krystina Stadler
DVM, DACVR

Bryden Stanley
DACVS, BVMS, MRCVS, MANZCVS,
MVetSc

Tereza Stastny
DVM, DACVECC

Joerg Steiner
AGAF, MED.VET., DR.MED.VET., ACVIM-
SAIM, ECVIM-CA, PhD, DECVIM-CA,
DVM

Rustin Sturgeon
DVM, DACVO

Ken Sullins
DVM, MS, DACVS

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Shannon Sura
DVM, MBA

Meera Surendran Nair
DVM, MS, PH.D., DACVM

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DVM

Jane Sykes
DVM, PhD, DACVIM

Dharati Szymanski
DVM, MPH, DACVPM

Todd Tams
DVM, DACVIM (SAIM)

Rebecca Timmons
DVM

Emily Tinch
DVM

M. Katherine Tolbert
DVM, DACVIM (SAIM), PhD

Sandy Tou
DVM, DACVIM (CARDIOLOGY AND
INTERNAL MEDICINE)

Cindy Trice
DVM

Chelsea Tripp
DVM, MS, DACVIM (Oncology)

Cherri Trusheim
DVM

Josh Vaisman
CCFP, MAPPCP

Wouter van Hoven
DSc.

Rachel Venable
DVM, DACVIM (SAIM & Oncology)

Aida Vientos-Plotts
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DVM, DECVI, DACVR

Lance Visser
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BS

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MBA, DVM

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PhD

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DVM

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DVM, DACVIM (Cardiology)

Cynthia Ward
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DVM, DACVO

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DVM, DVSC, DACVIM

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DVM, MBA

Heather Weir
BAS

Link Welborn
DVM, DABVP

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DVM, CERP

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Amelia White
DVM, MS, DACVD

Heather Wilkerson

Shawn Wilkie

Samantha Williams
MPH

Diane Wilson
DVM, DACVR

Jessica Wilson-Hess
CVT, MS, VTS (SAIM)

Carl Winch
BVMS, MRCVS

Fred Wininger
VMD, MS, DACVIM (Neurology)

Ann Wortinger
LVT, BIS, FFCP, VTS (ECC, SAIM, Nutrition)

Susan Wynn
DVM, DACVIM (NUTRITION)

Liza Wysong
RVT, BAS, VTS (CP-CANINE/FELINE)(SAIM)

Kenichiro Yagi
MS, RVT, VTS (ECC), (SAIM)

Madeline Yamate
DVM, MBA, CVA, CVSM

Xiu Ting Yiew
DVM, DACVECC, DVSC

Kimberly Yore
DVM, DACVIM (SAIM), MS

Gustavo Zanutto
DVM, PhD

Kristin Zersen
DVM, DACVECC, MS

Melina Zimmerman
DVM, DACVAA, CVPP, CVMA, CCRP

2024 MODERATORS

Viticus Group appreciates the time and dedication
of its attentive team of moderators.

Shelly Adrian, DVM
Charine Ahmed
Brigetta Allen Hughes, DVM, MAM, DIPL.
ACPV
Amy, Auch, DVM
Kathleen Backus, DVM
Jovian Bailey, DVM
James Barclay, LATG, RVT
Terry Beebe, DVM
Jerry Billquist, DVM, MS
Valerie Bogie, MSSW/ VSW in progress,
Veterinary Human Support Certificate,
Emotional CPR Educator
AnnaLyce Brockham, BS, RVTG
Travis Bruns, CVT, VTS (Anesthesia/
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David Bruyette, DVM, DACVIM
Sharon Burns, RVT, LVT
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Chris Chamberlain, RVT, BS
Simone Conwell, RVT, LVMT
Mikki Cook, LVT, CVT
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Dior de Moraes, DVM
Tracey Deiss, DVM
Liz Delage
Gary Delfino, BA
David Demery, RVT
Devin Devoue
Nancy Dewitz
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Warda El Akkari, MPH
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David Gibb
Catherine Gilabert, DVM

Laura Greene, DVM, DACVIM (SAIM)
Sandy Gregory, RVT, CCRA, VTS
(Physical Rehabilitation), MEd
Dominique Gueringer-Sims, DVM
Sajini Guntur, DVM, MS
Amanda Hackerott, RVT
Joseph Hahn, DVM
David Hall
Marcia Harmelink, DVM
Nikki Harris Wiezbiski, DVM
Anonda Haskin, DVM, APTD
Rochen Heers, DVM
Andrew Hillier, MANZCVS (Canine
Medicine), DACVD, BVSc
Melissa Huet, DVM
Jackie Jaakola
Karl Jernstedt, DVM
Lindsey Jordan
Cristie Kamiya, DVM, MBA
Edward Kanara, DVM, DABVP (Equine)
Rob Keene, DVM
Richard Kiely, DVM
Mike Kirkpatrick, DVM
Lauren Kloer, DVM
Renee LaCorte, LVT, CVT, VTS (ECC)
Sally Lane, CVA, DVM, CCRT
Judy Rose, Lanier
Rich Lester, MBA
Nancy Leverenz, DVM, CVA
Erika Lin-Hendel
Michael Ling
Win Lippincott
Erin Lizardi
Amy Mason, DVM
Thomas Masterson, BS
Nicholas Meittinis, DVM
Bob Menardi, DVM
Alex Miller, VMD
Arlett Montoya, DVM
Leslie Mucci, DVM
Debra Nickelson, DVM, MBA
Dorothy Normile, VMD
Gretchen Norton, DVM
Predrag Pecic, DVM, MS

Michael Pedersen, BS, DVM
Peter Perron, DVM
Janine Petersen, BSc
Kimberly Pope-Robinson, DVM
Amber Post, RVT
Paige Pratt
Laura Pritzker, DVM
Jill Rafalko, MS, CGC
Roger Redman, DVM
Tracy Revoir, DVM
Ryan Reynolds, DVM
Andy Roberts, DVM
Michelle Rosentel, DVM
Laura Sanabria, DVM
Darlene Sanchez, DVM
Kathy Sarnelli, DVM
Chikae Satoh, BS
G. Sierra Schneider, DVM
Andrew Schreibman, DVM
Heather Schroeder, MBA, CVT
Tiffany Schusler, MS, RVT
Emma Scott, DVM
Ashli Selke, RVT, CVT
Jennifer Serling, RVT
Jen Sheehy, DVM
Donald Smith, DVM
Madeleine Stahl, DVM
Becky Stone, DVM
Cindy Trice, DVM
Mary Ann Vande Linde, DVM
Gene Warren
Scott Weinman, DVM, MBA
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Nicole Westfall, MBA
Walter Wethered, DVM
Sydney White, RVT
Joan Winter, DVM
Wallace Wolf, DVM
Leslie Wolff, MRCVS
Katie Wu, DVM
Doug Yanik, DVM
Patty Zahorecz, DVM
Patricia Zehna, RVT

SMALL ANIMAL

Sun Feb 18	Integrated Medicine	Nutrition	Wildlife	Feline Medicine	Anesthesia
		Respiratory / Hospice			Behavior
	Lagoon J Level 2	Mandalay Bay Ballroom A Level 2	Mandalay Bay Ballroom D Level 2	Mandalay Bay Ballroom J Level 2	Reef E Level 2
10:00-10:50a	TCVM for the Western Vet SA048 Madeline Yamate	Feeding Aging Cats SA055 Dottie Laflamme		Management of Wounds in Cats SA204 Catriona MacPhail	Everyone Benefits from Reducing Fear, Anxiety, Aggression, & Stress in Perioperative Care SA001 Ralph Harvey
11:00-11:50a	Introduction to Acupuncture SA049 Madeline Yamate	Are Cats Really so Different? SA056 Dottie Laflamme	Wildlife Conservation & Veterinary Care in Southern Africa Today SA232 Wouter van Hoven	Management of Feline Gastrointestinal Foreign Bodies SA205 Catriona MacPhail	How Can We Help, Unless We Know How They Hurt? – Assessing Acute & Chronic Pain SA002 Ralph Harvey
12:00-12:50p	Multi-Modal Approach to Challenging Cases SA050 Madeline Yamate	The Role of Diet in Feline Chronic Kidney Disease SA057 Dottie Laflamme		Granulomatous with Emphasis on Mycobacterium SA206 Petra Cerna	How the AAHA Anesthesia & Related Guidelines Benefit Your Practice SA003 Ralph Harvey
2:00-2:50p	Integrative Management of Cancer Cases SA051 Madeline Yamate	Fundamentals of GOLPP: How to Recognize it, Differentiate it from Other Types of Upper Airway Disease & How to Diagnose it! SA022P Mary Gardner  Making care possible...today.		Diagnosis & Management of FIP SA207 Petra Cerna	Squabbling Feline Housemates – Treating Feline Intraspecies Aggression SA174 Wailani Sung
3:00-3:50p	Ozone Therapy for Cancer SA052 Signe Beebe	Managing Dogs with GOLPP & Optimizing Outcomes: Nonsurgical, Surgical, Perioperative & Long-term Management SA023P Mary Gardner  Making care possible...today.		What is in This Cat's Pleural Space? Air? Fluid? Organs? Emphasis on Surgical Management: Part I SA208 Catriona MacPhail	Risk Assessment for Canine Aggression SA175 Wailani Sung
4:00-4:50p	Herbal Medicine for the Geriatric Pet SA053 Signe Beebe	HELP: Hospice & End of Life Planning SA024 Mary Gardner  Making care possible...today.		What is in This Cat's Pleural Space? Air? Fluid? Organs? Emphasis on Surgical Management: Part II SA209 Catriona MacPhail	Identifying & Managing Cognitive Dysfunction in Dogs & Cats SA176 Wailani Sung 
5:00-5:50p	Use of Medical Mushrooms in Veterinary Medicine SA054 Signe Beebe	What Would You Do? The Euthanasias that Pull on our Heart & Ethical Strings SA025 Mary Gardner  Making care possible...today.			Defiant Teens – How to Help Your Clients Manage Their Adolescent Dogs SA177 Wailani Sung



Dermatology	Pain Management	Ophthalmology	Technology/Imaging	Cardiology	Recover
	Gastroenterology	Emergency & Critical Care	Dentistry		
South Seas B Level 3	South Seas E Level 3	South Seas F Level 3	South Seas H Level 3	South Seas J Level 3	Surf D Level 2
Diagnostic Approach in Dermatology, Practical Tips for Your Derm Patients SA132 Catherine Milley	Those Other Pain Drugs Fact & Fiction: Oral Medication - Part 1 SA061 Mark Epstein 	Managing the Ocular Emergencies - Part 1 SA026 Lucy Walsh	How Veterinarians Can Use Free AI Tools to Elevate Their Practice SA182 Ryan Appleby	Old Dog, New Murmur: Guidance on the Use of Panel-recommended Therapies in Dogs with Chronic Mitral Valve Disease SA012 Sandy Tou	RECOVER 2.0: Newly Updated CPR Guidelines SA228 Daniel Fletcher
Interdigital Furunculosis SA133 Catherine Milley	Those Other Pain Drugs Fact & Fiction: Oral Medication - Part 2 SA062 Mark Epstein 	Managing the Ocular Emergencies - Part 2 SA027 Lucy Walsh	Why AI Should be Held to a Higher Standard SA183 Ryan Appleby	Cats are Not Small Dogs: Guidance on the Use of Panel-recommended Therapies in Cats with Hypertrophic Cardiomyopathy SA013 Sandy Tou	RECOVER 2.0: Newborn Resuscitation SA229 Manuel Boller
Cutaneous Manifestations of Internal Disease SA134 Catherine Milley	Those "Other" Pain Drugs Fact & Fiction: Parenteral Use in Peri-Operative Setting SA063 Mark Epstein	Ulcerative Corneal Disease – "A Deep Dive into the Identification & Management of Corneal Ulcers" SA028 Zach Cochrane	Making the Most of Abdominal Radiography - When to Cut, When to Chill, When to Call for Help SA184 Ryan Appleby	Canine Dilated Cardiomyopathy: What Do We Know Today? SA014 Sandy Tou	RECOVER 2.0: Post-cardiac Arrest Care SA230 Daniel Fletcher
Acral Lick Dermatitis SA135 Catherine Milley	Those "Other" Pain Drugs Fact & Fiction: Parenteral Use in the Chronic Pain Setting SA064 Mark Epstein	Enucleation – "When & How to Remove the Eye" SA029 Zach Cochrane	What IS that Pointy Thing? Dental Instrument Identification & Use SA093 Kristin Scott	New Tricks for the Diagnosis & Treatment of Congestive Heart Failure SA015 Sandy Tou	
Common Mistakes in Dermatology & How to Avoid Them SA136 Catherine Milley	Gastrointestinal Dysbiosis: What is it & What Should I do About it? SA065 Kenneth Simpson	Think Fast! Illness Scripts & Respiratory Distress: Part 1 SA152P Rita Hanel Andrea Monnig	Foundations of Dental Extractions Part 1: What You Wish You Knew Before You Graduated SA094 Kristin Scott	Managing Heart Failure: A Case-based Review SA016 Sandy Tou	
Taking the Stress Out of Stressed Cats: The Intersection of Dermatology & Behavior in the Feline Patient SA137 Melissa Hall	Optimizing Diagnosis & Treatment of Triaditis in Cats SA066 Kenneth Simpson	Think Fast! Illness Scripts & Respiratory Distress: Part 2 SA153P Rita Hanel Andrea Monnig	Foundations of Dental Extractions Part 2: Advanced Canine Extraction Techniques & Tips SA095 Kristin Scott		
Itchy Kitties: Tips to Diagnose & Manage Even the Most Difficult of Cats with Allergies SA138 Melissa Hall	What's the Latest on the Diagnosis & Management of Canine Pancreatitis? SA067 Kenneth Simpson	Tacky or Tachy? Making Fluid Choices: Part 1 SA154 Rita Hanel	Feline Dental Extraction Techniques & Avoiding Extraction Complications SA096 Kristin Scott		

SMALL ANIMAL

Mon Feb 19	Dermatology	Nutrition	Infectious Disease	Emergency & Critical Care
	Otology	Ophthalmology	Technology	
	Mandalay Bay Ballroom J Level 2	South Seas B Level 3	South Seas E Level 3	South Seas F Level 3
9:00-9:50a	Oclacitinib: For More Than Just the Itch SA139 Melissa Hall	Obesity Management for Dogs: What's New? SA058 Dottie Laflamme	Testing, Testing... New Tests for Infectious Diseases & Practical Tips for Interpretation SA128 Jane Sykes	Tacky or Tachy? Making Fluid Choices: Part 2 SA155 Rita Hanel
Visit the Exhibit Hall 9:50-10:35a				
10:35-11:25a	Practical Cytology: What in the World am I Looking At? SA140 Melissa Hall	Dietary Management in Chronic Canine GI Disease SA059 Dottie Laflamme	Antimicrobial Jeopardy! SA129 Jane Sykes	Partering in Pet Emergencies: Best Practices for Referring Veterinarians SA156 Tannetje' Crocker 
11:35a-12:25p	Monoclonal Antibody Therapy in Vet Med: Where Have We Been, Where We Are, & Where Are We Going? SA141 Melissa Hall	Hot Topics in Nutrition SA060 Dottie Laflamme	Frustrating Fungi: What's New? SA130 Jane Sykes	Intentional Discounting in the ER-WTH?!? SA157 Tannetje' Crocker 
Visit the Exhibit Hall 12:25-2:00p				
2:00-2:50p	Fundamentals You & Your Client Should Know About Canine AD SA142 Craig Griffin	Neuro-ophthalmology - "Welcome Pupils, Let's Discuss Anisocoria" SA030 Lucy Walsh	Pathogen Soup: Update on Canine Infectious Respiratory Disease SA131 Jane Sykes	Pawsitively Urgent: Referring Pet Neuro Emergencies to Neurologists SA158P Tannetje' Crocker Fred Wininger
3:00-3:50p	Doctor, My Dogs Not Better, Managing Itchy Treatment Failures SA143 Craig Griffin	Fundic Evaluations: "An Eye-opening Review of Retinal Disease" SA031 Lucy Walsh	Responsible AI - A Practical Approach for Evaluating & introducing Diagnostic AI platforms into your Practice SA231 Richard Goldstein	Stopping Emergent Seizures in Their Tracks SA159 Fred Wininger
Visit the Exhibit Hall 3:50-4:35p				
4:35-5:25p	External Ear, the Basics SA144 Craig Griffin 	Ocular Pharmacology - "Focus on Appropriate Antibiotic Therapy" SA032 Lucy Walsh		Why Your Parvo Patient Should be Fed Right Away SA160 Kenichiro Yagi
5:35-6:25p	Ear Problem, Otitis Externa or Chronic Ear Disease, Which is It? SA145 Craig Griffin 	Ocular Pharmacology - "High Pressure? Relax with Appropriate Glaucoma Therapy" SA033 Lucy Walsh		We Need Blood STAT! Emergency Transfusions SA161 Kenichiro Yagi



Gastroenterology	Oncology
	Anesthesia
South Seas H Level 3	South Seas J Level 3
New Perspectives on the Management of Megaesophagus in Dogs SA068 Stanley Marks	Lymphoma - Why it is Not as Simple as it Use to Be SA117 Rachel Venable 
Visit the Exhibit Hall 9:50-10:35a	
Practice Pearls on Canine Acute Hemorrhagic Diarrheal Syndrome SA069 Stanley Marks	Can Vets Still Give Chemotherapy? Why or Why Not SA118 Rachel Venable 
Rational Approach to the Diagnosis & Management of the Canine Patient with GI Bleeding SA070 Kenneth Simpson	Mast Cell Tumors: Practical Approaches for the Primary Practitioner SA119 Rachel Venable 
Visit the Exhibit Hall 12:25-2:00p	
Food Responsive Enteropathy – Far More Common than you Think! SA071 Stanley Marks	A Revolution in Anesthetic Techniques – More Locals, Fewer Opioids, Lower Inhalants SA004 Ralph Harvey
3:00-4:25p	Powerful Techniques Using Local & Regional Anesthetics – Pain Management for Pennies SA005 Ralph Harvey
Skin and Guts: A Deep Dive into Diet-Responsive Disorders from an Internist and Dermatologist Perspective SA072P Stanley Marks, Galia Sheinberg	
Visit the Exhibit Hall 3:50-4:35p	
	What to Worry About & How to Fix It – Crisis Management in Anesthesia SA006 Ralph Harvey
	Compassionate Education & Partnership with Our Clients - Essential In Patient Care SA007 Ralph Harvey

SMALL ANIMAL

Tue Feb 20	Surgery - Soft Tissue	Neurology	Dentistry	POCUS	Surgery - Orthopedic
	Neurology	Endocrineology		Pharmacology	Disaster Medicine
	Lagoon J Level 2	Mandalay Bay Ballroom B Level 2	South Seas B Level 3	South Seas D Level 3	South Seas E Level 3
8:00-8:50a	Canine Forelimb Lameness 101 – Step-by-Step Approach in Your Practice SA034P Sherman Canapp Debra Canapp	Eliminating Neurophobia –Shaving Down to the REAL Neurologic Examination for the Busy Practitioner. SA194 Fred Wininger	Priceless Periodontal Pearls SA097 Heidi Lobprise	Veterinary Point of Care Ultrasound for Everyday Practice I: How to Ultrasound the Pleural Space & Lung SA170P Soren Boysen Serge Chalhoub	Orthopedic Triage SA042 Steven Petersen
9:00-9:50a	Canine Hindlimb Lameness 101 – Step-by-Step Approach in Your Practice SA035P Sherman Canapp Debra Canapp	The Gait Game- Most Neurologic Syndromes can be Identified at the Dog Park SA195 Fred Wininger	Dentistry – Frustrating Feline Facts SA098 Heidi Lobprise	Veterinary Point of Care Ultrasound for Everyday Practice II: Paradigm Shifts in Diagnosing Pneumothorax, Pleural Effusion & Lung Pathology with Point of Care Ultrasound SA171P Soren Boysen Serge Chalhoub	Fracture Assessment: How Broke is it, Doc? SA043 Daniel Lewis
Visit the Exhibit Hall 9:50-10:35a					
10:35-11:25a	Joint Injections for Canine OA – Why? When? What? And How? SA036P Sherman Canapp Debra Canapp	Frenchie Fanaticism- Approach to Thoracolumbar Spine Disease & Why the French bulldog is Flipping the Script SA196 Fred Wininger	It is a Tumor! Or is it? – Oral Masses Mastered SA099 Heidi Lobprise	Veterinary Point of Care Ultrasound for Everyday Practice III: Abdominal POCUS for Everyday Practice SA172P Soren Boysen, Serge Chalhoub	Fracture Management- “Know When to Hold ‘em.” Simple Fractures the General Practitioner Might Choose to Manage SA044P Kenneth Bruecker
11:35a-12:25p	Case Based: Lectures 1 & 2 in Action SA037P Sherman Canapp Debra Canapp	Update on Feline Acromegaly: You Made the Diagnosis, Now What? SA081 J. Catharine Scott-Moncrieff	Senior Dentistry – for an Optimized Healthspan SA100 Heidi Lobprise	Veterinary Point of Care Ultrasound for Everyday Practice IV: Cardiovascular Ultrasound Made Easy! SA173P Soren Boysen Serge Chalhoub	Fracture Management- “Know When to Fold ‘em.” Complex Fractures the General Practitioner Might Want to Refer to a Specialist SA045P Kenneth Bruecker
Visit the Exhibit Hall 12:25-2:00p					
2:00-2:50p	KBr to CBD & Everything in Between - 21st Century Advanced Seizure Management SA197 Fred Wininger 	Optimizing Continuous Glucose Monitoring in Diabetic Cats: Case Selection, Report Interpretation, Troubleshooting & More SA082 J. Catharine Scott-Moncrieff	What Lies Beneath? Intraoral Radiographic Interpretation (Properly exposed image) SA101P Jennifer Mathis, Kristin Scott	Interpreting Culture & Susceptibility Data: The Best Bang for Your Bug SA073 Dawn Boothe	Fracture Complications - “Know When to Walk Away. Know When to Run.” SA046P Kenneth Bruecker
3:00-3:50p	Dizzy Yet? Practical Approach to Vestibular Disease for the Generalist. SA198 Fred Wininger		To Save or Not to Save? Radiographic Evaluation of Periodontal Disease SA102P Jennifer Mathis, Kristin Scott	Design of Antimicrobial Dosing Regimens: Why the MIC is the KEY SA074 Dawn Boothe	Advances in Orthopedics and Recovery SA047 Kenneth Bruecker
Visit the Exhibit Hall 3:50-4:35p					
4:35-5:25p		Pancreatitis & the Diabetic Cat: How to Navigate These Difficult Cases SA084 J. Catharine Scott-Moncrieff	Tooth Tales: Navigating Pediatric Malocclusions with a Dash of Baby Tooth Magic (deciduous extractions) SA103P Jennifer Mathis, Kristin Scott	New Drugs for Old Grudges (and Vice Versa) Part I: A Focus on Monoclonal Antibodies & Anti Nerve Growth Factor SA075 Dawn Boothe	THAT’S How You Get THAT?! Infectious Disease Pathogens & Transmission SA216 Jenifer Chatfield 
5:35-6:25p			Gaining Acceptance for Dental Procedures, A Team Approach SA104P Jennifer Mathis, Kristin Scott	New Drugs for Old Grudges (and Vice Versa) Part II: A Focus on Targeted Small Molecules SA076 Dawn Boothe	Nipah Virus: The Worst Disease You’ve Never Heard Of! SA217 Jenifer Chatfield



Feline Medicine	Dermatology / Otology	Nephrology
	Street Medicine	Imaging
South Seas F Level 3	South Seas H Level 3	South Seas J Level 3
Diagnosis & Management of Feline URI – Tests & Bacterial Treatment Updates SA210 Michael Lappin	Otitis Externa, What is Critical for Success! SA146 Craig Griffin 	Protein - Losing Nephropathy in Dogs SA038 Julie Byron
Management of Chronic Feline URI – Emphasis on Chronic Viral Diseases SA211 Michael Lappin	Non Endocrine Alopecia; Bald Dog, Sad Owner SA147 Galia Sheinberg	Update on Chronic Kidney Disease Management in Dogs SA039 Julie Byron
Visit the Exhibit Hall 9:50-10:35a		
Surviving Acute Respiratory Distress in Cats SA212 Susan Little 	What & When? How to Use Dermatology Specific Drugs & New Tools Correctly SA148 Galia Sheinberg	Update on Chronic Kidney Disease Management in Cats SA040 Julie Byron
All Stressed Out – Feline Idiopathic Cystitis SA213 Susan Little 	What is That? Interactive Dermatology Case Session; Challenging & Fun Cases SA149 Galia Sheinberg	Diagnosis & Management of Hypertension in Cats & Dogs with Chronic Kidney Disease SA041 Julie Byron
Visit the Exhibit Hall 12:25-2:00p		
Making Sense of Feline Retrovirus Testing SA214 Susan Little 	Operation Ukraine: Providing Veterinary Care in a War Zone SA220 Jon Geller	Biological Basis of Error: How Our Biology Evolved to Lie to Us SA185 Eli Cohen
Diagnosis & Management of Acute Kidney Injury in Cats SA215 Susan Little 	Top 25 Tips in the ER SA221 Jon Geller	First, Do No Harm: Ethical & Legal Implications of A.I. in Veterinary Medicine SA186 Eli Cohen
Visit the Exhibit Hall 3:50-4:35p		
	Three Dog Night: Caring for Pets of the Indigent SA222 Jon Geller	Zebra Hoofbeats: How Would A.I. Do? SA187 Eli Cohen
	Street Medicine SA223 Jon Geller	Thoracic Radiology: Nuts & Bolts, Common Mistakes, & Easy Fixes SA188 Eli Cohen

Wed Feb 21	Surgery - Soft Tissue
	Lagoon J Level 2
8:00-8:50a	Surgical Basics - A Review of Common Surgical Procedures & Smart Suture Selection SA105 Ameet Singh
9:00-9:50a	Urinary Surgery Do's & Don'ts! SA106 Ameet Singh
Visit the Exhibit Hall 9:50-10:35a	
10:35-11:25a	Linear Foreign Body - Start to Finish! SA107 Ameet Singh
11:35a-12:25p	Cutaneous Mass Removal - Tips & Tricks! SA108 Ameet Singh
Visit the Exhibit Hall 12:25-2:00p	
2:00-2:50p	Gastric Dilation & Volvulus: Tips for Successful Surgical Management SA109 Philipp Mayhew
3:00-3:50p	Ear Surgery in Dogs & Cats - Choosing the Correct Technique!. SA110 Philipp Mayhew
4:00-4:50p	Becoming a Laparoscopic Surgeon in General Practice: There's No Reason Not to Do It! SA111 Philipp Mayhew
5:00-5:50p	Those Regurgitating Frenchies: The Gastrointestinal Side of the BOAS Equation SA112 Philipp Mayhew

SMALL ANIMAL

Wed Feb 21	Evidence Based Medicine	Emergency & Critical Care	Behavior	Shelter Medicine	Emergency & Critical Care
	Anesthesia	Veterinary Technician			
	Mandalay Bay Ballroom A Level 2	Mandalay Bay Ballroom B Level 2	Mandalay Bay Ballroom D Level 2	Oceanside D Level 2	Reef E Level 2
8:00-8:50a	Extending Lifespan with Nutrition: Science vs Speculation SA120 Brennen McKenzie		More Than Just a Naughty Cat: Understanding Feline Nuisance Behaviors SA178 Christopher Pachel		"Ain't that a Kick in the Head" A Practical Approach to Head Trauma SA162 Fred Wininger
9:00-9:50a	Understanding & Measuring Frailty in Geriatric Dogs & Cats SA121 Brennen McKenzie	The Open Hospital: Taking Owners to "The Back" with Their Pets SA085P Kenichiro Yagi David Bessler 	Pitfalls in Canine Socialization SA179 Christopher Pachel		Just Breathe, Respiratory Distress in the ER: An Imaging Case-Based Discussion SA163 Jaime Rechy
Visit the Exhibit Hall 9:50-10:35a					
10:35-11:25a	Age of Endarkenment: Medical Misinformation & What Vets Can Do About It SA122 Brennen McKenzie	Top Things to Expect Out of Your Employer as a Veterinary Technician SA086P Kenichiro Yagi David Bessler	Chill Out – Incorporating Conditioned Relaxation Techniques Into Behavioral Therapy SA180 Christopher Pachel		Beyond POCUS: Intro to Splenic & Lymph Node Ultrasound in the ER SA164 Jaime Rechy
11:35a-12:25p	Do It Yourself or Call for Help? Specialty Referral from a GP Perspective SA123 Brennen McKenzie	Your Veterinary Technician does WHAT!?! Extreme Utilization in Practice SA087 Kenichiro Yagi	Prescribing for Canine Separation Anxiety SA181 Christopher Pachel 		Tied Up & Twisted: A GI Torsion Panel Discussion SA165 Jaime Rechy
Visit the Exhibit Hall 12:25-2:00p					
2:00-2:50p	Anesthetic Concerns Drive Our Problem-Based Protocols SA008 Ralph Harvey	Just Breathe: Handling Respiratory Emergencies SA088 Kenichiro Yagi		Management of Infectious Disease Outbreaks in Animal Shelters: Part 1 SA113 Erica Schumacher	It's a Linear Foreign Body. Now What? Tips for Approaching Challenging Gastrointestinal Surgery Cases with Confidence SA166 Bronwyn Fullagar 
3:00-3:50p	Sedation & Restraint - Including "Fractious" Patients, With Safety & Convenience SA009 Ralph Harvey	Recent Updates to Practical Challenges in Transfusion Medicine SA089 Kenichiro Yagi		Management of Infectious Disease Outbreaks in Animal Shelters: Part 2 SA114 Erica Schumacher	Gastric Dilatation-volvulus: It Doesn't Have to Make Your Stomach Turn SA167P Bronwyn Fullagar 
4:00-4:50p	Senior Pet Anesthesia & Periop Management – Not Too Old SA010 Ralph Harvey	Shock Has Many Faces: The Keys to Perfusion SA090 Kenichiro Yagi		Strategies for Leveraging Veterinary Time & Work in Shelters SA115 Sarah Hicks	What Lies Beneath: Managing Thoracic Trauma from the ER to the OR SA168P Bronwyn Fullagar 
5:00-5:50p	Too Sick for Anesthesia? - They Probably Aren't! - Care of High Risk Patients SA011 Ralph Harvey			Neonatal & Juvenile Shelter Kittens: Care & Considerations SA116 Sarah Hicks	The Clock is Ticking: Evidence-based Recommendations for the Timing of Emergency Surgery in Veterinary Patients SA169P Bronwyn Fullagar 



Dermatology	Cardiology	Disaster Medicine	Respiratory	Imaging
Well Being			Neurology	
South Seas B Level 3	South Seas D Level 3	South Seas E Level 3	South Seas F Level 3	South Seas J Level 3
Skin Tumors in Cats: Clinical Basics SA150 Galia Sheinberg	Staging & Treatment of Asymptomatic Heart Disease in Dogs & Cats SA017 Jessica Ward	Stop the Madness...& Prevent Disease Transmission! SA218 Jenifer Chatfield	Typical vs Normal: What You Need to Know About Managing Brachycephalic Dogs SA077 Aida Vientos-Plotts	Machine Learning in Diagnostic Imaging SA189 Diane Wilson
Sebaceous Adenitis: The Missing Diagnosis SA151 Galia Sheinberg	Diagnosis & Treatment of Congestive Heart Failure in Dogs & Cats SA018 Jessica Ward	Antimicrobial Resistance in 2024: Can we Do Anything About it? SA219 Jenifer Chatfield	Airway Sampling in Dogs & Cats: A Guide for the General Practitioner SA078 Aida Vientos-Plotts	Reading & Evaluating AI Radiology Reports SA190 Diane Wilson
Visit the Exhibit Hall 9:50-10:35a				
Champion Your WellBeing: Introduction & Physical Wellbeing SA224 Rob Goodman	Basic ECG Interpretation: Approach to Arrhythmia Diagnosis SA019 Jessica Ward		Making Antibiotics Great Again: Updates on Treatment of Bacterial Pneumonia in Dogs SA079 Ian DeStefano	Quality Control of Artificial Intelligence in Diagnostic Imaging SA191 Diane Wilson
Champion Your WellBeing: Emotional WellBeing SA225 Rob Goodman	Tachyarrhythmia Diagnosis & Treatment SA020 Jessica Ward		A Blow to the Chest: Thoracic Trauma SA080 Ian DeStefano	Successes & Failures of Machine Learning in Diagnostic Imaging: Case Studies SA192 Diane Wilson
Visit the Exhibit Hall 12:25-2:00p				
Champion Your WellBeing: Relational WellBeing SA226 Rob Goodman	Bradyarrhythmia Diagnosis & Treatment SA021 Jessica Ward		Frenchies & Why They Need a Neurologist! SA200 Sheila Carrera-Justiz	Juveniles & Geriatrics (Dogs and Cats) SA193 Diane Wilson
Champion Your WellBeing: Spiritual & Vocational WellBeing SA227 Rob Goodman			The Neurologic Cat: How to Get What You Can Out of a Limited Exam SA201 Sheila Carrera-Justiz	
			Seizure or Not Seizure? SA202 Sheila Carrera-Justiz	
			It Walks Funny: Is it Neuro or Ortho? SA203 Sheila Carrera-Justiz	

AVIAN & EXOTICS

Sun Feb 18	Reptile	Exotics
	Small Mammal	Aquatics
	Jasmine E Level 3	Jasmine E Level 3
10:00-10:50a	Safe Restraint & Blood Collection of Reptiles & Amphibians EX01 Marcie Logsdon	
11:00-11:50a	Safe Restraint & Blood Collection of Pocket Pets EX02 Marcie Logsdon	
12:00-12:50p		Tarantula & Spider Medicine EX06 Gregory Lewbart
2:00-2:50p		Coelenterate Medicine EX07 Gregory Lewbart
3:00-3:50p	Small Mammals – How to get Started! EX10 Christoph Mans	
4:00-4:50p	Antibiotic Use in Rabbits & Rodents – An Interactive Session EX11 Christoph Mans	
5:00-5:50p	Managing Chinchilla Patients in Practice EX12 Christoph Mans	
Mon Feb 19	Avian	Small Mammal
	Wildlife	Aquatics
	Jasmine E Level 3	Jasmine E Level 3
8:00-8:50a	Facilitating Falconers: Treating Performance Raptors & Accommodating a Unique Clientele EX03 Marcie Logsdon	
9:00-9:50a	Parrot Exams & Blood Collection Techniques EX04 Marcie Logsdon	
Visit the Exhibit Hall 9:50-10:35a		
10:35-11:25a	What to do When Wildlife Walks in the Door EX05 Marcie Logsdon	
11:35a-12:25p		Managing Guinea Pig Patients in Practice EX13 Christoph Mans
Visit the Exhibit Hall 12:25-2:00p		
2:00-2:50p		Rabbit Medicine - What's New in 2024? EX14 Christoph Mans
3:00-3:50p		Small Pet Rodents: Clinical Medicine of Rats, Hamsters, & Gerbils EX15 Christoph Mans
Visit the Exhibit Hall 3:50-4:35p		
4:35-5:25p		Mollusk Medicine EX08 Gregory Lewbart
5:35-6:25p		Annelid, Horseshoe Crab, & Echinoderm Medicine EX09 Gregory Lewbart



Tues Feb 20	Exotics	Aquatics	Wed Feb 21	Exotics	Aquatics
	Avian			Avian	
	Jasmine E Level 3	Jasmine E Level 3		Jasmine E Level 3	Jasmine E Level 3
8:00-8:50a	Snakebite Envenomations - They are Not Just Bad Bee Stings, Part 1 - The Who & What! EX16 Ken Pawlowski		8:00-8:50a	Rattlesnake Vaccine - The Good, the Bad, & the Controversy! EX18 Ken Pawlowski	
9:00-9:50a	Snakebite Envenomations - They are Not Just Bad Bee Stings, Part 2 - The How and Why! EX17 Ken Pawlowski		9:00-9:50a		Surgery in Pet Fish EX29 Jessie Sanders
Visit the Exhibit Hall 9:50-10:35a					
10:35-11:25a	Avian Cardiology: Cardiovascular Anatomy & Physiology EX19 Brenna Fitzgerald		10:35-11:25a		Diagnostic Imaging Techniques for Fish EX30 Jessie Sanders
11:35a-12:25p	Avian Cardiology: Clinical Disease States in Companion Birds EX20 Brenna Fitzgerald		11:35a-12:25p		Anatomy & Comparative Fish Physiology for Veterinary Practitioners EX31 Jessie Sanders
Visit the Exhibit Hall 12:25-2:00p					
2:00-2:50p		Triage for Fish Patients: What to do When a Fish Swims in your Door EX25 Jessie Sanders	2:00-2:50p	Avian Cardiology: Diagnosing Cardiovascular Disease in Companion Birds EX21 Brenna Fitzgerald	
3:00-3:50p		Water Quality for Fish Practitioners: How to Test, How to Interpret & How to Fix EX26 Jessie Sanders	3:00-3:50p	Avian Cardiology: Managing Cardiovascular Disease in Companion Birds EX22 Brenna Fitzgerald	
Visit the Exhibit Hall 3:50-4:35p					
4:35-5:25p		Integrating Pet Fish into Established Veterinary Practice EX27 Jessie Sanders	4:00-4:50p	Common Gastrointestinal Diseases of Companion Parrots EX23 Brenna Fitzgerald	
5:35-6:25p		Buoyancy Disorders in Pet Fish EX28 Jessie Sanders	5:00-5:50p	Updates on Avian Ganglioneuritis (PDD) & Avian Bornavirus EX24 Brenna Fitzgerald	

Sun Feb 18	Cardiology	Dermatology	Lameness
	Internal Medicine	Imaging / Endoscopy	Sports Medicine / Endoscopy
	Banyan D Level 3	Jasmine A Level 3	South Seas D Level 3
10:00-10:50a	Evaluation of the Cardiovascular System in the Field EQ09 William Gilsenan	Equine Dermal Neoplasia: Part I EQ14 Ken Sullins	Carpal Canal Syndrome in Horses: Diagnosis & Management EQ05 Jean-Marie Denoix
11:00-11:50a	Management of Pneumonia in Foals: Part I EQ10 William Gilsenan	Equine Dermal Neoplasia: Part II EQ15 Ken Sullins	Review of the Main Shoulder Conditions in Horses: Clinical Presentation, Diagnosis & Management EQ06 Jean-Marie Denoix
12:00-12:50p	Management of Pneumonia in Foals: Part II EQ11 William Gilsenan	Principles of Equine Upper Airway Endoscopy EQ16 Ken Sullins	Coxofemoral Joint Conditions in Horses: Diagnosis, Prognosis & Management EQ07 Jean-Marie Denoix
2:00-2:50p		How to Maximize Musculoskeletal Image Quality Using Any Ultrasound Machine EQ01 Mary Beth Whitcomb	Lumbosacral & Sacroiliac Disorders in Horses EQ08 Jean-Marie Denoix
3:00-3:50p		Ultrasound and Trauma – Wounds, Lacerations and Draining Tracts EQ02 Mary Beth Whitcomb	Clinical Application of the Lameness Locator Q in Racehorses NV01P Clara Fenger, Rhodes Bell 
4:00-4:50p		Ultrasound and the Coxofemoral Joint – Hidden in Plain Sight EQ03 Mary Beth Whitcomb	Detection of Lameness Using the Lameness Locator Q NV02 Kevin Keegan 
5:00-5:50p		Equine Cardiology for the Ambulatory Veterinarian EQ04 Mary Beth Whitcomb	Case Selection for Joint Injection Choices in Racehorses NV03P Scott McClure, Jose Garcia-Lopez 



Mon Feb 19	Internal Medicine / Respiratory	Neurology	Orthopedic / Imaging - Ultrasound
	Surgery / Emergency & Critical Care / Pharmacology	Internal Medicine	Dentistry / Disaster / Pharmacology
	Banyan B Level 3	Banyan D Level 3	South Seas D Level 3
8:00-8:50a	Management of the Sick Neonate EQ12 William Gilseman		The FDA's Guidance for Industry on Compounding: How this Changes Your Practice NV06 Joseph Bertone 
9:00-9:50a	Interpretation of Clinical Laboratory Work in the Horse EQ13 William Gilseman		Evidence Based Medicine: What It Is & What It's Not NV09 Joseph Bertone 
Visit the Exhibit Hall 9:50-10:35a			
10:35-11:25a	Identification & Treatment of Common Equine Upper Airway Conditions EQ17 Ken Sullins		Pelvic & Scapular Ultrasound: Using Your Ultrasound to Aid in Diagnosis of Pelvic & Scapular Fractures & Stress Fractures NV13 Katherine Chope 
11:35a-12:25p	How to Perform an Equine Standing Enucleation EQ18 Robin Fontenot		Screening Thoracic Ultrasound & Updates on Atrial Fibrillation NV10 Katherine Chope 
Visit the Exhibit Hall 12:25-2:00p			
2:00-2:50p	Treatment of Equine Burn Patients EQ19 Robin Fontenot	Diagnostic Approaches to Pituitary Pars Intermedia Dysfunction (PPID) EQ22 Sarah Jacob	Equine Dentistry Is Veterinarian Medicine: Dentistry for the Racetrack Practitioner NV07 James (Jim) Casey 
3:00-3:50p	Regional Antibiotic Modalities EQ20 Robin Fontenot	Management of Horses with Pituitary Pars Intermedia Dysfunction (PPID) EQ23 Sarah Jacob	Equine Emergency Preparedness & Response NV08 Clayton McCook 
Visit the Exhibit Hall 3:50-4:35p			
4:35-5:25p	A Review of Emergency Stabilization & Transport of Fracture Patients EQ21 Robin Fontenot	Diagnostic Approaches to Equine Metabolic Syndrome (EMS) EQ24 Sarah Jacob	Recent Medication Infractions in Horse Racing: How They are Happening, & Best Practices to Avoid Them NV05P Clara Fenger, Peter Sacopulos 
5:35-6:25p		Management of Horses with Equine Metabolic Syndrome (EMS) EQ25 Sarah Jacob	

Tue Feb 20	Evidence-based Practice	Neurology
	Imaging / Theriogenology	
	Jasmine A Level 3	Banyan D Level 3
8:00-8:50a	Research Roundup: Review of the Last Few Years of Relevant Research Impacting Racehorses NV11P Jose Garcia-Lopez 	
9:00-9:50a	Case Discussions of Previously Submitted Radiographs NV12P Jose Garcia-Lopez, Scott McClure, Rhodes Bell 	
Visit the Exhibit Hall 9:50-10:35a		
10:35-11:25a	Condylar Fractures, Slab Fractures: Early Detection, Intervention & Stabilization for Transport NV04 Jose Garcia-Lopez 	
11:35a-12:25p	Use of PET & Standing CT for Assessing Bone Injury in Racehorses NV14P Jose Garcia-Lopez, Kevin Keegan 	
Visit the Exhibit Hall 12:25-2:00p		
2:00-2:50p	Update on Placentitis EQ30 Darcie Sidelinger	Equine Neuropathology: Cooperation Between the Clinician and the Pathologist to Achieve a Definitive Postmortem Diagnosis EQ26 Jon Patterson
3:00-3:50p	The Problem Mare EQ31 Darcie Sidelinger	Equine Neuropathology: Possible Gross Lesions in the Postmortem Examination (and a Bit of Histopathology!) EQ27 Jon Patterson
Visit the Exhibit Hall 3:50-4:35p		
4:35-5:25p	Stallion Semen Cryopreservation EQ32 Darcie Sidelinger	Equine Neuropathology: Case Studies, Part 1 EQ28 Jon Patterson
5:35-6:25p	Case Based Discussion EQ33 Darcie Sidelinger	Equine Neuropathology: Case Studies, Part 2 EQ29 Jon Patterson



Wed Feb 21	Internal Medicine	Dentistry
	Musculoskeletal	
	Jasmine A Level 3	Banyan D Level 3
8:00-8:50a	Noninfectious Respiratory Diseases in Horses EQ38 Julie White	'Routine' Equine Dental Evaluation & Treatment EQ34 Apryle Horbal
9:00-9:50a	Theiler's Disease: Liver Let Die EQ39 Julie White	Dental Radiography & Imaging EQ35 Apryle Horbal
Visit the Exhibit Hall 9:50-10:35a		
10:35-11:25a	Equine Myopathies Part I: Exertional Rhabdomyolysis EQ40 Julie White	Common Equine Periodontal & Endodontic Conditions EQ36 Apryle Horbal
11:35a-12:25p	Equine Myopathies Part II: Genetic Rhabdomyolysis & Other Diseases EQ41 Julie White	Equine Dentistry Case Discussions & FAQs EQ37 Apryle Horbal
Visit the Exhibit Hall 12:25-2:00p		
2:00-2:50p	Current Joint Therapy in Equine Practice EQ42 Gustavo Zanutto	
3:00-3:50p	Hindlimb Proximal Suspensory Disease: Diagnostic & Treatment EQ43 Gustavo Zanutto	
4:00-4:50p	Ultrasound of the Stifle EQ44 Gustavo Zanutto	
5:00-5:50p	Foot Pain & Advance Diagnostic Imaging EQ45 Gustavo Zanutto	

FOOD ANIMAL

Sun Feb 18	Lameness	Beef Cattle	Mon Feb 19	Immunology	Practice Operations
	Dairy Cow			Genetics / Vaccine	Practice Operations / Nutrition
	Immunology			Banyan D Level 3	Jasmine A Level 3
	Banyan B Level 3	Banyan D Level 3			
10:00-10:50a	On-the-Farm Management of Fractures in Ruminants FA01 Joseph Lozier		8:00-8:50a	Applied Immunology for the Practicing Veterinarian FA11 Victor Cortese	Competence to Confidence: Finding the Tools FA35 Eric Rooker
11:00-11:50a	Management of Septic Arthritis in Calves FA02 Joseph Lozier		9:00-9:50a	Building the Immune Response: Can You Meet the Challenge? FA12 Victor Cortese	Strategic Planning: How to Run Effective Team Meetings FA36 Eric Rooker
12:00-12:50p	Foot Lameness in Cattle FA03 Joseph Lozier		Visit the Exhibit Hall 9:50-10:35a		
2:00-2:50p	Bloat & Vagal Indigestion FA04 Joseph Lozier	Management of Grasslands in the Future: The Importance of Infrastructure on Grazing Management & Animal Performance FA16 Cooper Hibbard	10:35-11:25a	Prime Boost, Antigen Interference, Genomics, & Post-stress Immune Suppression: Changing the Paradigm FA14 Victor Cortese	Resources and Relationships: Improving the Veterinary Producer Bond FA37 Eric Rooker
3:00-3:50p	Cesarean Section in Farm Animals FA05 Joseph Lozier	Winter Grazing in Northern Climates: Infrastructure, Economics, & Water Systems. Discovering What's Possible FA17 Cooper Hibbard	11:35a-12:25p	Building the Vaccination Program FA15 Victor Cortese	Lung Ultrasound: Your Gateway to Intentional Calf Herd Health Programs FA38 Eric Rooker
4:00-4:50p	Umbilical Disease in Calves FA06 Joseph Lozier	Low-Stress Livestock Handling in a Real Ranch Setting FA18 Cooper Hibbard	Visit the Exhibit Hall 12:25-2:00p		
5:00-5:50p	Neonatal Immunity: The New Areas of Research for Local & Respiratory Immunity FA13 Victor Cortese		2:00-2:50p		Epidemiology in Practice: Investigating Disease & Decreased Production in Food Animal Populations FA23 William Jumper
			3:00-3:50p		Is All Data Good Data? Improving Animal Health Decision-making on Beef Cow-calf Operations FA24 William Jumper
			Visit the Exhibit Hall 3:50-4:35p		
			4:35-5:25p		Bovine Anaplasmosis: A New Look at an Old Problem FA25 William Jumper
			5:35-6:25p		Are they Actually Eating it? Insights on Mineral Intake by Beef Cows on Pasture FA26 William Jumper



Practice Operations	Tues Feb 20	Food Animal / Beef Cattle	Poultry	Practice Operations
		Orthopedic / Genetics		
South Seas E Level 3		Banyan B Level 3	Banyan D Level 3	South Seas F Level 3
	8:00-8:50a	Food Animal Cases that Will Live in Infamy FA27 Katie Simpson	A Chicken Walks Into An Exam Room - What Do I Do Now? FA07 Brigetta Allen Hughes	
	9:00-9:50a	I Knead Help: Bovine Stifle Disorders FA28 Katie Simpson	Poultry in the Exam Room – How to Talk Turkey (Duck & Chicken – As Well As a Few Other Species) FA08 Brigetta Allen Hughes	
	Visit the Exhibit Hall 9:50-10:35a			
	10:35-11:25a	Fun Tricks in Food Animals FA29 Katie Simpson	Common Presentations for Poultry in the Veterinary Hospital - The Difference Between Academics, Owner's Observations, & Reality FA09 Brigetta Allen Hughes	
	11:35a-12:25p	Medical Treatment of Digital Disease in Cattle FA30 Katie Simpson	Reproductive Health & the Hen - Common, Complex, & Challenging FA10 Brigetta Allen Hughes	
	Visit the Exhibit Hall 12:25-2:00p			
	2:00-2:50p	The Whole Life Cycle Index: The Meaningful & Measurable Sustainability Metric that Empowers Financial Longevity for all Beef Segments FA31 Chip Kemp		
	3:00-3:50p	Multi-breed Beef Genetic Evaluation FA32 Chip Kemp		
	Visit the Exhibit Hall 3:50-4:35p			
Making Moola FA47 Paige Pratt	4:35-5:25p	The IGS Feeder Profit Calculator: Quick & Powerful Predictions on the Profit Potential of Terminal Calves FA33 Chip Kemp		Challenges in Food Animal Rural Practice for Women Veterinarians FA49P Meredyth Jones, Christine Navarre
Consulting for Profit FA48P Paige Pratt	5:35-6:25p	Beef Genetic Evaluation as a Business Strategy for the Rural Vet Practice FA34 Chip Kemp		

FOOD ANIMAL

Wed Feb 21	Small Ruminant - Camelid / Beef Cattle	Beef Cattle
	Imaging - Ultrasound / Epidemiology	Nutrition
	Banyan B Level 3	Banyan D Level 3
8:00- 8:50a	Camelid Field Medicine: Tips & Techniques FA43 Signe Balch	
9:00- 9:50a	Small Ruminant Diseases: Camelids vs Sheep & Goats FA44 Signe Balch	
Visit the Exhibit Hall 9:50-10:35a		
10:35- 11:25a	Successful Small Ruminant Practices: Learning to Say Yes to Small Producers FA45 Signe Balch	
11:35a- 12:25p	Rural Veterinary Practice in the 21st Century - Should We Bring Back James Herriot? FA46 Signe Balch	
Visit the Exhibit Hall 12:25-2:00p		
2:00- 2:50p	Epidemiology in Practice: Biosecurity & On-Farm Risk Assessments FA39 Carla Huston	Beef Production in Brazil - A Comparision with USA Industry: Part I FA19 Ricardo Manzano
3:00- 3:50p	Epidemiology in Practice: How to do an Outbreak Investigation FA40 Carla Huston	Beef Production in Brazil - A Comparision with USA Industry: Part II FA20 Ricardo Manzano
4:00- 4:50p	Disease Watch: What's Hot in Emerging & Foreign Animal Diseases FA41 Carla Huston	Mineral Supplementation of Grazing Beef Cattle in Tropical Pastures - Brazilian Insights FA21 Ricardo Manzano
5:00- 5:50p	From Emerging Diseases to Weather Events: The Role of the Large Animal Practitioner in Managing Disasters FA42 Carla Huston	Saccharomyces cerevisiae Yeast Based Products in Beef Production - Questions & Applications FA22 Ricardo Manzano



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history and/or breed.

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February 19th at 9:30am | Exhibit Hall Learning Lounge: The Pharmacy
February 19th at 11:35am | Reef E Level 2
February 20th at 3:00pm | Exhibit Hall Learning Lounge: The Joint
February 21st at 10:00am | Exhibit Hall Learning Lounge: Western Frontier

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

















SYMPOSIA

Sun Feb 18	Practice Operations Health Certificates Avian	Nutrition Technology	OneHealth	Professional Development
	Practice Ownership	Practice Ownership	OneHealth Oncology Nephrology Gastroenterology	Well Being Professional Development Human Resources
	Mandalay Bay Ballroom B Level 2	Mandalay Bay Ballroom D Level 2	Mandalay Bay Ballroom L Level 2	Oceanside B Level 2
10:00-10:50a	Reimagining Veterinary Care: Improving Patient Experiences, Outcomes, & Practitioner Wellbeing S41B Christie Long 	Tech Talks: Raw Diets 101 S18 JC Cash 	Mink, Manatees, & Mule Deer: How Investigations of SARS-CoV-2 Spillover Events Illustrate the Importance of a One Health Approach S21A Colin Basler 	Becoming a Veterinary Technician Specialist (VTS) S20A Vicky Ograin  
11:00-11:50a	Interstate and International Health Certificates for Category I Animals S43A Keren Rozensher 		Don't Eat CRO: What Veterinarians Should Know About Carbapenem Resistant Organisms and Why They Should Care S21B Allison James 	Veterinary Technology Career Advancement; Reinvent Yourself! S20B Rebecca Rose  
12:00-12:50p	Avian Influenza (AI) and Newcastle Disease (ND) S43B Rob Dickens 	Leveraging AI for Enhanced Companion Animal Care - Transforming the Veterinary Medicine S52 Neil Shaw 	Cat's Out of the Bag: Veterinary Implications of Sporotrichosis S21C Samantha Williams 	Remarkable Resume and Interview; 4 Creative Tips for Implementation S20C Rebecca Rose  
2:00-2:50p	Ready, Set, Buy a Veterinary Practice S37A Rod Johnston 	Practice Owners: Culture, Process, & Profits: Lessons from Building one of the Most Successful Independent Veterinary Practices in the Country S31AP Michele Drake 	Drug-Resistant Ringworm: Stopping the Spread S21D Jeremy Gold 	Compassionate Client & Self-Care During End-of-Life Services; "Take Care of Each Other" S20D Rebecca Rose  
3:00-3:50p	Current Market Trends in Veterinary Transitions S37B Rod Johnston 	Practice Owners: An Emerging Market Opportunity & The Keys To Your Ensuring Your Practice Benefits in 2024 S31B David Hall 	From Silence to Solutions: Urothelial Carcinoma in Dogs S50A Sue Ettinger 	Veterinary Nurse Practitioners? What's the Deal? S20E Kenichiro Yagi  
4:00-4:50p	Steps That You Can Take to Increase the Value of Your Practice S37C Rod Johnston 	Practice Owners: These 4 Numbers Will Determine the Future of Your Practice - Know Them Well! S31C Terence O'Neil 	Chronic Kidney Disease (CKD): Lessening the Phosphate Burden S50B Dennis Chew 	Enhancing the Skill Level of Veterinary Technicians S20F Kenichiro Yagi  
5:00-5:50p	Current Market Trends in Veterinary Transitions S37D Rod Johnston 	Practice Owners: Panel Discussion - The Most Important Opportunities, Trends, & Threats for Practice Ownership in 2024 S31DP David Hall 	The Dos & Don'ts of Using Fiber for GI Disease: A Case-Based Approach S50C M. Katherine Tolbert 	Stay, Please: The Path to 90% Retention in Veterinary Medicine Begins Here S55B Garth Jordan 



Endocrinology Parasitology Cardiology	Pharmacology Cardiology Dermatology	
Professional Development DEI Endoscopy	Dermatology Spectrum of Care Parasitology Behavior	Internal Medicine
Oceanside C Level 2	Oceanside D Level 2	South Seas J Level 3
Empowering Technicians for the Diabetes Revolution: Leading the Way to Sweet Solutions S01A Kenichiro Yagi 	Fuzapladib Sodium for Pancreatitis- What Have We Learned? S22A Joerg Steiner 	
The Ins & Outs of Feline Parasites S01B Janet McConnell 	Spectrum of Care in Canine Cardiac Patients: What to do if the Client Declines Referral S22B Kristin MacDonald 	
Leading With Heart: Championing Early Intervention for Canine Cardiac Health S01C Alyssa Mages 	Break Through the Barriers: Abnormalities Detected in the 3 Skin Barriers with Atopic Dermatitis & How Ophytrium Repairs Each S22C Melissa Hall 	
2023 AAHA Veterinary Technician Utilization Guidelines S55AP Heather Prendergast 	Topical Therapy - The Hidden Secret of Better Atopy Management S22D Amelia White 	
Introduction to Journey for Teams S30A Latonia Craig JOURNEY FOR TEAMS	How to Keep Care Affordable, Pay Staff More & Practice Better Medicine S22E Andy Roark 	
Journey for Teams: Psychological Safety S30BP Jen Brandt JOURNEY FOR TEAMS	Fight the Bite: Arthropod Feeding & Vector-borne Disease Transmission S22F Susan Little 	Vesicular Diseases S43C Greg Ramos 
Tackling GI Disease in Small Animals. When, How & Why to Implement Endoscopy Into Your Practice S33A Todd Tams 	P is for Pheromones: The Power of Stress Reduction in your Practice S22G Chistopher Pachel 	

SYMPOSIA

Mon Feb 19	Pain Management	Oncology Practice Management	Practice Operations Human Resources	Emergency & Critical Care Practice Operations
	Oncology Pain Management Pathology	Pharmacology	Leadership Practice Operations Purchase & Sales	Parasitology Zoonosis Infectious Disease
	Lagoon J Level 2	Mandalay Bay Ballroom A Level 2	Mandalay Bay Ballroom B Level 2	Mandalay Bay Ballroom D Level 2
9:00-9:50a	How to Incorporate Platelet Rich Plasma in General Practice S26A Heather Owen 	An Affordable New DNA-based Blood Test to Detect Cancer in Dogs S39A Andi Flory 	Client Retention: The Key to Continuous Growth S24A Win Lippincott 	What's the Emergency? - The Case for a Spectrum of Care Approach S38A Jules Benson 
Visit the Exhibit Hall 9:50-10:35a				
10:35-11:25a	Evolution of PBM (Photobiomodulation) Therapy to Everyday Patient Care S26B John Godbold 	A Lifetime of Data: Studying the Impact of Cancer Screening in Dogs with the Cancer Lifetime Assessment Screening Study in Canines (CLASSIC) S39B Andi Flory 	Recruiting Great Doctors & Staff S24B Win Lippincott 	Save Time, Work Smart: A 3,000-year-old Veterinarian Answering Questions in Your Waiting Room S38B Jules Benson 
11:35a-12:25p	New Research in Photobiomodulation: Laser Therapy in Veterinary Practice S26C Lisa Miller 	Pawsitively Devoted: Cultivating a Loyal Client Fanbase for Your Veterinary Clinic S40 Mary Schwartz 	Metrics & Cost Structure Management S24C Rich Lester 	Why is Everything so Expensive?! Tackling Tough Cost of Care Conversations S38C Jules Benson 
Visit the Exhibit Hall 12:25-2:00p				
2:00-2:50p	Nanotherapy and Photobiomodulation in the Oncology Patient: S26D Chelsea Tripp 	Cannabinoid Rich Hemp: How to Pick a Quality Product! S36A Joseph Wakshlag 	Perspectives on Practice Leadership: A Roundtable with Successful Practice Owners S24DP Roger Redman 	Unraveling the Enigma Within: The Changing Challenges of Canid Tapeworms S12AP Brian Herrin 
3:00-3:50p	From Skeptic to Advocate: Why Dosing Matters in Laser Therapy S26E Michael Petty 	CBD & CBDA: An Overview of Uses in Pain Management S36B Lindsay Elam 	Veterinary Practice Valuations in Today's Economic Reality S24E Rich Lester 	It's a Zoo Out There! Canine Parasite Zoonotic Risks S12B Susan Little 
Visit the Exhibit Hall 3:50-4:35p				
4:35-5:25p	Innovation Meets Cytology: A Clinical Pathologist Can Now Remote into your Clinic's Microscope S26F Pablo Lopez 	CBD & CBDA: Seizures & Anxiety - What do we Know? S36CP Fred Winerger 	Practice Valuation & Deal Structure in Today's Market S24FP Gary Ackerman 	Hot Topics in Canine Infectious Disease S12C Michael Lappin 
5:35-6:25p		Lions, Tigers & Moose oh my! A Look into CBD/CBDA use in Exotics & Zoo Animals! S36DP Joseph Wakshlag 	Sales Process Start to Finish S24G Roger Redman 	Hot Topics in Feline Infectious Disease S12D Michael Lappin 





Parasitology	Practice Management Practice Operations Public Policy	Endocrinology	Dermatology	Practice Management Oncology
Feline Medicine Gastroenterology Diagnostics Well Being	Public Policy Economics Telehealth	Endocrinology	Pharmacology Endoscopy	Practice Management Fear Free
Mandalay Bay Ballroom L Level 2	Oceanside B Level 2	Oceanside C Level 2	Oceanside D Level 2	Reef E Level 2
Heartworm Disease: A Peek Inside S04A Stephen Jones 	Debunking the Myths Associates are Told about Ownership! Stop Listening to "No, You Can't", Because "YES, YOU CAN!" S48 Bill Murray 	Diabetes Masterclass: Oral Hypoglycemics - An Overview S02A Thomas Schermerhorn 	Keep it Simple! How Apoquel® Chewable (oclacitinib chewable tablet) Can Improve the Daily Lives of Allergic Pets & Their Owners S06A Ashley Bourgeois 	New Research: How to Reduce Stress & Avoid Burnout S10AP Addie Reinhard
Visit the Exhibit Hall 9:50-10:35a				
Tick Tock – Time to Talk About Evolving Tick Risks S04B Susan Little 	Harness the Ease of Technology: Engage & Give Pet Owners & Your Team What They Want in Today's Digital World S49 Ernest Ward 	Diabetes Masterclass: SGLT-2 Inhibitors - Safety & Efficacy Data S02BP Patty Lathan 	Top Ten Tips for Success with Dogs with Allergic Dermatitis S06B Brittany Lancellotti 	Fostering Resilience: Creating Healthy Habits & Sustainable Coping Strategies S10B Marie Holowaychuk
Forgotten Feline Parasites: Heartworms and Lungworms S04C Emilio DeBess 	What USP Means to the Clinical Practitioner Part 1: Introduction to USP & Immediate Use Sterile Compounding in a Practice Setting S29A Dharati Szymanski 	Diabetes Masterclass: Getting Started & Monitoring S02C Cynthia Ward 	Succeeding With Your Derm Patients: Five Tips for Getting Clients Onboard With Your Recommendations S06C Jason Coe 	Detect Treat Monitor: Navigating the Canine Cancer Journey with the Nu.Q® Vet Cancer Test S53 Sue Ettinger
Visit the Exhibit Hall 12:25-2:00p				
Gut Feeling: Clinical Approach to Feline Chronic Enteropathy S15AP Nancy Sanders 	What USP Means to the Clinical Practitioner Part 2: Sterile Compounding of Veterinary Products in a Pharmacy Setting. S29B Brenda Jensen 	Feline Diabetes Masterclass: Panel Discussion - SGLT2 Inhibitors S03AP Cynthia Ward 	Communicating OA Pain to Dog & Cat Owners: Goals are Gold! S07A Ross Palmer 	New Research: Creating a Happier, Less Burned Out Veterinary Team – Merck Animal Health Veterinary Staff Wellbeing Study II S10CP Addie Reinhard
Gut Feeling: Clinical Approach to Chronic Diarrhea in the Canine S15BP Nancy Sanders 	The Next Generation of Veterinary Professionals The Market for Education S29C Christopher Doherty 	Euglycemic Diabetic Ketoacidosis - Can You Identify & Treat This Novel Syndrome? S03B Christopher Byers 	Librela™ (bedinvetmab injection) – The Canadian Experience & Clinical Impressions S07B Charles Bruce 	Mental Wellbeing at Work: What You Can Do For Yourself & Your Team S10D Marie Holowaychuk
Visit the Exhibit Hall 3:50-4:35p				
You've Opened a Can of Worms, Now What? When to Screen, When to Treat & When it's Important? S15C K. Wade Burton 	Talking the Talk – The Language of Veterinary Care S29D Charlotte McKay 	Diabetes Tidbits: Updates on the Clinical Approach to Diabetes Mellitus in Dogs S03C Cynthia Ward 	Purr-fect Partnerships in Feline OA Screening & Management, A Team Approach S07C Michelle Meyer 	Fear Free Ears: Taking the Stress Out of Otitis Externa 2.0 S27F Brittany Lancellotti
Just' a GP Veterinarian: Overcoming Imposter Syndrome S15D Dave Nichol 	There's Room for Zoom in Your Practice: Embracing Telehealth S29EP Steve Dale 	Troubleshooting Diabetes Mellitus in Dogs S03D Patty Lathan 	The Top 5 Uses of Endoscopy to Grow Your Practice S33B Jarrod Moss 	

SYMPOSIA

Tues Feb 20	Internal Medicine Genetics Geriatrics Dermatology		Parasitology Pharmacology	Pharmacology Otolaryngology Internal Medicine Parasitology
	Surgery Gastroenterology Behavior	Practice Management	Hematology Diagnostics	Endocrine Feline Medicine Sports Medicine
	Mandalay Bay Ballroom A Level 2	Mandalay Bay Ballroom B Level 2	Mandalay Bay Ballroom D Level 2	Mandalay Bay Ballroom J Level 2
8:00-8:50a	Malevolent Mycoses: Epidemiology, Diagnosis, & Treatment S56A Jane Sykes ANIVIVE		On Worms: GI Parasites-Giardia I Don't Lava You S51AP Michelle Evason  ANTECH	Unlocking the Power of Compounding in Veterinary Practice S47 Ernest Ward 
9:00-9:50a	The Science & Clinical Applications of Cancer Genomics S56BP William Hendricks ANIVIVE		On Germs: Antimicrobial Use in the Clinic- What's my Perfect Drug Match? S51BP J. Scott Weese  ANTECH	Polyps, Pain & Pus- Yuck: Treating & Preventing Recurrent Ear Disease S11A Joya Griffin 
Visit the Exhibit Hall 9:50-10:35a				
10:35-11:25a	Helping Senior Dogs Move & Thrive S32A Leilani Alvarez 		On Germs: Antimicrobial Use in the Clinic-Fire Away with Antibiotic Prescribing Questions! S51CP J. Scott Weese  ANTECH	Guardians of the Gateway: Unveiling the Secret World of Mucosal Immunity S11B Jenifer Chatfield 
11:35a-12:25p	Digital Derm: How to Implement Cytology in Your Busy Practice S32B Ashley Bourgeois 		On Worms: GI Parasites-Burning Questions on Hookworms S51DP Michelle Evason  ANTECH	The Latest BUZZ on Mosquitoes & Fluralaner S11C Andrew Moorhead 
Visit the Exhibit Hall 12:25-2:00p				
2:00-2:50p	Beyond Surgery: Conventional & Untapped Remedies for Maximizing Postoperative Success S32C Courtney Campbell 		Myth Busting in Hematology - Everything you were Taught in School was True...NOT! S51EP Fred Metzger  ANTECH	Managing Diabetes Together S11D Liza Wysong 
3:00-3:50p	Have the "Guts" to Run These Tests? The Importance of Gastrointestinal Blood Panels S32D Gary Oswald 	Integrating Sustainability in Your Practice Through a Team-based Approach S57 Carl Winch 	Urinalysis Essentials: Important Tips to Maximize the Diagnostic Information S51FP Holly Brown  ANTECH	Uncovering the Mystery of Feline Fever S11E Petra Cerna 
Visit the Exhibit Hall 3:50-4:35p				
4:35-5:25p	Brain or Mind? Where Veterinary Behavior & Neurology Collide S32E Christopher Pachel 		Myth Busting in Chemistry - Everything You were Taught in School was True...NOT! S51GP Fred Metzger  ANTECH	A Clinicians Guide to Regenerative Medicine - Stem Cell & PRP Therapy S46 Ronald Walton 
5:35-6:25p			Diagnostics with a Twist in the Tail: Clinical Cases with Surprising Results S51HP Holly Brown  ANTECH	



Feline Medicine Internal Medicine Nutrition	Behavior Supplements Dermatology	Immunology Feline Medicine Diagnostics Respiratory	Feline Medicine Parasitology Pain Management	Feline Medicine Endoscopy
Oncology	Dermatology Gastrointestinal Nutrition	Feline Medicine Endocrinology	Urology Diagnostics Pain Management	Nutrition
Mandalay Bay Ballroom L Level 2	Oceanside B Level 2	Oceanside C Level 2	Oceanside D Level 2	Reef E Level 2
Do You See What I See: Feline Medical Conditions Masquerading as Behavior Problems S34A Christopher Pachel 	Unleashing Success: 5 Key Steps for Vet Behavior Cases You Missed in School S25A Lisa Radosta 	Rabies & Rabies Vaccination: The Must Know Issues S05A Richard Ford 	All Paws In: Team Approach to Easy & Thorough Cat Exams & OA Screening S08A Michelle Meyer 	A Pain in the Gut: How to Nutritionally Manage Your IBD Cat S35A Lindsey Bullen 
Feline Pancreatic Disease...and Friends! S34B W. Mark Cousins 	Joint Supplements- Top 5 Myths S25B Leilani Alvarez 	Feline Leukemia Virus (FeLV): How Real is the Threat? S05B Richard Ford 	Paws & Parasites: Practical Tips to Detect Silent Invaders in your Feline Patients S08B Natalie Marks 	The Complicated Kitty: Nutritional Management of the Comorbid FLUTD Cat S35B Lindsey Bullen 
Visit the Exhibit Hall 9:50-10:35a				
Stopping Stones: Prediction & Precision in Urolith Management S34C Eva Furrow 	Otitis Treatments, Frustrations & Successes: Insights from Recent Research S25CP Cristiano von Simson 	Converging on Consensus? New Recommendations for Diagnosis, Treatment, & Prevention of Leptospirosis S05C Jane Sykes 	Tackling the Triple Threat: Diagnosis & Management of Feline Triaditis S08C Megan McClosky 	A Tale of Two Kitties: Managing Dietary Needs in a Multi-cat Household S35C Lindsey Bullen 
Gut Check: Feeding Both the Pet & Its Microbiome for Optimal Health S34D Leslie Hancock 	Canine Pyoderma: Case-based Management Strategies & Updates S25D Darren Berger 	Elevate Your Game: Ways to Improve Respiratory Disease Diagnosis & Management S05D Carol Reinero 	10 Things You can do Tomorrow to Elevate Pain Management in Your Practice S41A Vanessa Aberman 	The Top 5 Uses of Rigid Endoscopy in Your Practice S33C Brian Evans 
Visit the Exhibit Hall 12:25-2:00p				
'That Lump Looks Gnarly': What to Test When You Suspect Cancer & What to Tell the Owner S16AP C. Guillermo Couto 	Giardiasis : Treating a Commonly Occurring & Always Baffling Intestinal Protist S25E Dwight Bowman 	Not Just Tired: A New Approach to Managing Anemia in Feline CKD S13A Jessica Quimby 	Your Analysis Requires Urinalysis – What AI Has to Offer S09A Dennis Chew 	Raw Feeding: Are the Anecdotes on to Something? S19A Susan Wynn 
Advanced Lymphoma & Leukemia Diagnostics: Going with the 'Flow' When it Comes to 'PARR' ticular Tests S16BP C. Guillermo Couto 	Nutrition is the Foundation: Feeding for Wellness S25F Laura Gaylord 	Treating Feline Diabetes in 2024: What Are Your Options? S13B J. Catharine Scott-Moncrieff 	The Hunt for Red PEETober. Diagnosing & Treating Hematuria S09BP Jodi Westropp 	The Safety of Raw Pet Food Diets S19B Susan Wynn 
Visit the Exhibit Hall 3:50-4:35p				
CBC in Cancer Patients: What's Worrying? What's Not? & Why Should I Care? S16C C. Guillermo Couto 	Build a Nutrition Service in Your Clinic S25G Donna Raditic 	What Cats Want us to Know About Acute Pain S13C Tamara Grubb 	In Sickness & In Health – When to Test, For What, & How! S09C Richard Goldstein 	The Anti-Inflammatory Diet: Does it Exist in Pet Food? S19C Susan Wynn 
Canine Cancer Screening: Making Sense of the Why, the When, & the Next Steps S16D Andy Plum 		Breaking Down Behavioral Barriers to Feline Wellness Care S13D Meghan Herron 	Today's PSA: Procedural Sedation and Analgesia S58 Katrina (Kate) Lafferty 	Nutrition of the Geriatric Dog and Cat S19D Susan Wynn 

SYMPOSIA

Wed Feb 21	Pain Management Neurology	Pharmacology Nutrition Behavior	Fear Free	Pharmacology Cardiology Cardiology Urology	Professional Development Internal Medicine Diagnostics Feline Medicine
		Feline Medicine Human Animal Bond	Fear Free		
	Mandalay Bay Ballroom J Level 2	Mandalay Bay Ballroom L Level 2	Oceanside B Level 2	Oceanside C Level 2	Oceanside D Level 2
8:00-8:50a	Communicating OA Pain to Dog Owners: Keys To Overcoming the Barriers S14A Ross Palmer 	The Personalized Preventive Medicine Revolution: Unlocking the Full Potential of the Human-Animal Bond Using Genetics and Lab Data S28A Ernest Ward 	The Founder of Fear Free Reveals His Top 10 Powerful Tips From the Trenches of Practice S27A Marty Becker 	The Evolution of Veterinary Drug Compounding: Where Are We Now & What Should You Know? S23A Dawn Boothe 	A "Crash" Course Emergency Nursing: Top 5 Things to Master S17A Kenichiro Yagi IDEXX
9:00-9:50a	Geriatric Pain Management S14B Melina Zimmerman 	Weight for It: Addressing Pet Obesity & Nurturing the Human-Animal Bond S28B Ernest Ward 	Behavior is Medicine: Integrating Behavioral Guidance in Wellness Appointments S27B Tabitha Kucera 	Recommended Approach to Older Dogs with Heart Murmurs When Echocardiography is Not an Option S23B Lance Visser 	When Cushing's is Confusing & Addison's is a 'Crisis': Adrenal Disease FAQ's Answered S17BP William Saxon IDEXX
Visit the Exhibit Hall 9:50-10:35a					
10:35-11:25a	Neurophysiology of Physical Medicine Modalities S14C Melina Zimmerman 	Food for Thought: The Future of Pet Nutrition & the Emotional Connection to Our Pets S28C Ernest Ward 	Do You Speak Dog: Canine Communication for the Veterinary Team S27C Tabitha Kucera 	Current Recommendations for the Diagnosis & Management of Mitral Valve Disease in Dogs S23C Brian Scansen 	Confusing Clinical Cases: Getting the Complete 'Picture' S17CP William Saxon IDEXX
11:35a-12:25p	Oral Analgesics & Supplements S14D Melina Zimmerman 	A New Thought on Preventing Dog Bites, ASK THE DOG! S28D Steve Dale 	Cat Handling, NOT WRANGLING, in the Exam Room S27D Natalie Marks 	Diagnostics and Diets for Dogs and Cats with LUTD S45 Jodi Westropp 	Diagnosing & Managing Feline Multi-morbidities: Simple Answers for Complex Cases S17DP William Saxon IDEXX 
Visit the Exhibit Hall 12:25-2:00p					
2:00-2:50p		From Wildcat To Domestic Cat: Veterinary Perspectives on the Evolution of Cats S28E Angela Hughes 	Behavioral Issues Associated with Pain: Always Treat the Pain First S27E Michael Petty 		
3:00-3:50p		Human Bonding and the Future of AI & Robotic/ Biomimetic Pets. Should We Be Worried? S28F Patrick Flynn 			
4:00-4:50p					



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MONDAY
FEBRUARY 19, 2024

MANDALAY BAY CONVENTION
CENTER - OCEANSIDE B*



6:30 - 7:20 AM *(Breakfast)*

MIKE LAPPIN, PhD, DVM, DACVIM

Nutrition Tips to Resolve Diarrhea
in Dogs and Cats

TUESDAY
FEBRUARY 20, 2024

MANDALAY BAY CONVENTION
CENTER - OCEANSIDE B*



6:30 - 7:20 AM *(Breakfast)*

JULIA ALBRIGHT, MA, DVM, DACVB

You're Stressing Meowt! Multimodal
Treatment Plans to Address Feline Stress

WEDNESDAY
FEBRUARY 21, 2024

MANDALAY BAY CONVENTION
CENTER - OCEANSIDE C*



11:35 AM - 12:25 PM

JODI WESTROPP, DVM, PhD, DACVIM

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February 19, 2024 | Exhibit Hall - Learning Lounge - The Joint | Illustrator Session

10:00 AM-12:25 PM Ticks: There's a Lot to DRAW Out

Dr. Kathryn Duncan

February 19, 2024 | Reef E, Level 2 | Wellness Symposium

9:00-9:50 AM New Research: How to Reduce Stress & Avoid Burnout

Dr. Addie Reinhard
Dr. Laura M. Greene
John Volk

10:35-11:25 AM Fostering Resilience: Healthy Habits & Coping Strategies

Dr. Marie Holowaychuk

2:00-2:50 PM New Research: Creating a Happier, Less Burned-Out Veterinary Team

Dr. Addie Reinhard
Dr. Laura M. Greene
John Volk

3:00-3:50 PM Mental Wellbeing at Work: What You Can Do for Yourself & Your Team

Dr. Marie Holowaychuk

February 20, 2024 | Mandalay Bay J, Level 2 | Merck Animal Health Symposium

9:00-9:50 AM Polyps, Pain & Pus-Yuck: Treating & Preventing Recurrent Ear Disease

Dr. Joya Griffin

10:35-11:25 AM Guardians of the Gateway: Unveiling the Secret World of Mucosal Immunity

Dr. Jenifer Chatfield

11:35 AM-12:25 PM The Latest BUZZ on Mosquitos & Fluralaner

Dr. Andy Moorhead



12:45-1:45 PM Immune Checkpoint Inhibition: The Rising Star in Oncology Therapeutics

Dr. Laura M. Greene

2:00-2:50 PM Managing Diabetes Together

Liza Wysong, BAS, RVT, VTS

3:00-3:50 PM Uncovering the Mystery of Feline Fever

Dr. Petra Cerna

February 21, 2024 | Exhibit Hall - Learning Lounge - The Joint | Technician Learning Lounge Sessions

9:30-10:30 AM Ticks: Know Your Enemy

Dr. Kathryn Duncan

10:30-11:30 AM Behind the Floppy Ear: Explore Common Findings of Ear Cytology

Dr. Debera Butler

11:30 AM-12:30 PM Vaccine Mastery: Tips & Tricks for Veterinary Technicians

Dr. Christopher Lee

12:30-1:30 PM What's in This Fecal: Parasites, Pollen, or Particulates

Dr. Kathryn Duncan

Visit us at the Merck Animal Health Booth #2037! BeUnconditional.com





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SCHEDULE OF EVENTS

Tuesday, February 20, 2024

- 8:00 AM - 8:50 AM** **Unleashing Success: 5 Key Steps for Vet Behavior Cases You Missed in School**
 Lisa Radosta, DVM, DACVB | Oceanside B, Level 2
- 9:00 AM - 9:50 AM** **Joint Supplements: Top 5 Myths**
 Leilani Alvarez, DVM, DACVSMR | Oceanside B, Level 2
- 10:35 AM - 11:25 AM** **Otitis Treatments, Frustrations & Successes: Insights from Recent Research**
 Cristiano von Simson, DVM, MBA | Oceanside B, Level 2
- 11:35 AM - 12:25 PM** **Canine Pyoderma: Case-based Management Strategies & Updates**
 Darren Berger, DVM, DACVD | Oceanside B, Level 2
- 2:00 PM - 2:50 PM** **Giardiasis: Treating a Commonly Occurring & Always Baffling Intestinal Protist**
 Dwight Bowman, MS, PhD, DACVM | Oceanside B, Level 2
- 3:00 PM - 3:50 PM** **Nutrition is the Foundation: Feeding for Wellness**
 Laura Gaylord, DVM, DACVIM (Nutrition) | Oceanside B, Level 2
- 4:35 PM - 5:25 PM** **Build a Nutrition Service in Your Clinic**
 Donna Raditic, DVM, ACVIM (Nutrition) | Oceanside B, Level 2

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Attention Practice Owners! Don't miss the...

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DAY 1 OF WVC FROM 2 - 6 PM IN MANDALAY BAY D, LEVEL 2 FOLLOWED BY A COCKTAIL PARTY FROM 6 - 7 PM

Leadership lessons from **top-performing industry experts.**

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END OF THE DAY PANEL DISCUSSION | 5 - 6 PM

The Trends, Threats, and Opportunities Facing Veterinary Practice Ownership in 2024

See leaders of the most influential organizations in veterinary practice ownership discuss the most important questions facing practice owners this year!

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SUNDAY, 2 PM | MANDALAY BAY D, LEVEL 2

Practice Owners: Culture, Process, and Profits: Lessons from building one of the most successful independent veterinary practices in the country.

Dr. Michele Drake, Founder, The Drake Center for Veterinary Care;
Co-founder and Chief Veterinary Officer, GeniusVets

With critical insights from Dr. Drake's new book, Veterinary Practice Operating Systems



SUNDAY, 3 PM | MANDALAY BAY D, LEVEL 2

Practice Owners: An Emerging Market Opportunity and The Keys To Your Ensuring Your Practice Benefits in 2024

David Hall, Co-Founder and Chief Strategy Officer, GeniusVets



SUNDAY, 4 PM | MANDALAY BAY D, LEVEL 2

Practice Owners: These 4 Numbers Will Determine the Success of Your Practice in 2024

Terry O'Neil, Partner, Katz Sapper Miller



Cocktail hour
following panel
discussion



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ATTEND OUR EDUCATION SESSIONS:

Date & time: Monday, February 19th
Location: Mandalay Bay A, Level 2

2:00-2:50pm PST

**Cannabinoid Rich Hemp:
How to Pick a Quality Product!**
Dr. Joe Wakshlag, DVM, PhD, DACVN, DACVSMR
Presenter

3:00-3:50pm PST

**CBD & CBDA: An Overview
of Uses in Pain Management**
Dr. Lindsay Elam, DVM, MPH, DACVSMR
Presenter

4:35-5:25pm PST

**CBD & CBDA: Seizures &
Anxiety - What Do We Know?**
Dr. Fred Wininger, VMD, MS, DACVIM (Neurology)
Presenter
Dr. Joe Wakshlag, DVM, PhD, DACVN, DACVSMR
Co-presenter

5:35-6:25pm PST

**Lions, Tigers & Moose Oh My!
A Look into CBD/CBDA Use in
Exotics & Zoo Animals!**
Dr. Joe Wakshlag, DVM, PhD, DACVN, DACVSMR
Presenter
Dr. Eric Klaphake, DVM, DACZM, DACVP (Avian,
DACVP (Reptile/Amphibian)
Co-presenter

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INDUSTRY SEMINARS

Mon Feb. 19	Title	Location	Speaker(s)	Sponsor
6:30–7:30a	Nutrition Tips to Resolve Diarrhea in Dogs & Cats IS01	Oceanside B Level 2	Michael Lappin	
6:30–7:30a	Unleashing the Facts: Canine Lyme Disease Prevention & Awareness IS02	Oceanside C Level 2	Kathryn Reif	
6:30–7:30a	We're In, If Urine! – The Benefits of AI Urine Sediment IS03	Oceanside D Level 2	Cory Penn Mary Lewis	zoetis
12:45–1:45p	Swipe Left or Right: Finding the Perfect Software Match for Your Unique Practice IS04	Mandalay Bay Ballroom D, Level 2	Elizabeth Hetler	IDEXX
12:45–1:45p	From Resistance to Regulations: The Evolution of Preventing Heartworm Disease in the United States IS05	Oceanside D Level 2	Jessica Rodriguez	zoetis
12:45–1:45p	Diabetes Masterclass: Troubleshooting & Complications IS06	Oceanside C Level 2	J. Catharine Scott-Moncrieff	
12:45–1:45p	Building Emotional Intelligence: From Surviving to Thriving IS07	Oceanside B Level 2	Turpin Mott	
12:45–1:45p	Tick Tidbits: Novel Insights & Protection Updates on These Tiny Troublemakers IS08	Mandalay Bay Ballroom J, Level 2	Kathryn Reif	



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Tue Feb. 20	Title	Location	Speaker(s)	Sponsor
6:30–7:30a	You're Stressing Meowt! Multimodal Treatment Plans to Address Feline Stress IS09	Oceanside B, Level 2	Julia Albright	
6:30–7:30a	Let's Talk Lifestyle Vaccines: Having the Conversation with Pet Owners IS10	Oceanside C, Level 2	Janet McConnell	
6:30–7:30a	Management of Chronic Skin Lesions in Canine Allergic Disease IS11	Oceanside D, Level 2	Michael Rossi	
12:45–1:45p	Proper Use of Legal Entities for Lawsuit Protection & Tax Reduction IS12	Mandalay Bay Ballroom D, Level 2	Jason Porter	
12:45–1:45p	Osteoarthritis (OA) Pain in Cats & Dogs: A Quiet Epidemic IS13	Oceanside D, Level 2	Tamara Grubb	
12:45–1:45p	Vaccine Adverse Reactions IS14	Oceanside C, Level 2	Richard Ford	
12:45–1:45p	Immune Checkpoint Inhibition: The Rising Star in Oncology Therapeutics IS16	Mandalay Bay Ballroom J, Level 2	Laura Greene	
12:45–1:45p	Managing Misunderstandings: Navigating Tricky Nutrition Conversations IS20	Oceanside B, Level 2	Vicky Ograin	
Wed Feb. 21	Title	Location	Speaker(s)	Sponsor
6:30–7:30a	Are you Kidney-ing Me? Making Sense of Novel Kidney Biomarkers IS18	Oceanside C, Level 2	Sarah Sweet	
6:30–7:30a	Why Is My Dog STILL Itchy? IS19	Oceanside D, Level 2	Eric Morissette Jennifer Schissler	
12:45–1:45p	Treatment of Canine Parvoviral Enteritis IS22	Oceanside C, Level 2	Kristin Zersen	

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Sat Feb. 17	Title	Level	Location	Fee (\$)	Speaker(s)
7:30a–2:30p	6.5 CE Hours Recover CPR Rescuer Certification Workshop - Basic and Advanced Life Support H009	V VT	Eastern Center, Paradise A	SOLD OUT	Kenichiro Yagi, Manuel Boller, Daniel Fletcher, Armi Pigot
1:30–5:30p	4 CE Hours Small Animal Ultrasound H010	V	Oquendo Center, Auditorium	SOLD OUT	<i>Krystina Stadler, Reynsen Shigemoto, Elizabeth Huynh, Elizabeth A. Ballegeer, Elodie Huguet, Lukas Kawalik, Federico Vilaplana-Grosso, Philip Hammel, Robert Schnurr, Kelsey Johnson, Amalie DiMiceli</i>
Sun Feb. 18	Title	Level	Location	Fee (\$)	Speaker(s)
7:30a–11:30a	4 CE Hours Small Animal Ultrasound H011	V	Oquendo Center, Auditorium	SOLD OUT	<i>Krystina Stadler, Reynsen Shigemoto, Elizabeth Huynh, Elizabeth A. Ballegeer, Elodie Huguet, Lukas Kawalik, Federico Vilaplana-Grosso, Philip Hammel, Robert Schnurr, Kelsey Johnson, Amalie DiMiceli</i>
7:30a–11:30a	4 CE Hours Small Ruminant Ultrasound H023	V	Oquendo Center, Barn	350	Evelyn MacKay
7:30a–4:30p	8 CE Hours Introduction to Fracture Management for the Novice Orthopedist H025	V	Oquendo Center, Prep Room	SOLD OUT	Kenneth Bruecker, Steven Petersen, Daniel Lewis
7:30a–11:30a	4 CE Hours Rabbit & Rodent Dental Care H029	V VT	Eastern Center, Mesquite	SOLD OUT	Jeffrey Applegate
1:30p–5:30p	4 CE Hours Canine Extraction Lab H003	V	Eastern Center, Mesquite	SOLD OUT	Jennifer Mathis, Heidi Lobprise, Abbie Janisch, Vanessa Huizar, Ben Fredregill, Chelsea Musick, Heather Wilkerson
1:30p–5:30p	4 CE Hours Small Animal Ultrasound H012	V	Oquendo Center, Auditorium	SOLD OUT	<i>Krystina Stadler, Reynsen Shigemoto, Elizabeth Huynh, Elizabeth A. Ballegeer, Elodie Huguet, Lukas Kawalik, Federico Vilaplana-Grosso, Philip Hammel, Robert Schnurr, Kelsey Johnson, Amalie DiMiceli</i>
1:30p–5:30p	4 CE Hours Updating Your Ocular Surgical Techniques for the Primary Care Practitioner H019	V	Oquendo Center, MPC	SOLD OUT	Rustin Sturgeon, Neal Wasserman, Mark Bobofchak, Chris Smith
1:30p–5:30p	4 CE Hours Small Ruminant Ultrasound H024	V	Oquendo Center, Barn	350	Evelyn MacKay
1:30p–5:30p	4 CE Hours How to Spay Your Dragon H030	V	Eastern Center, Valley	SOLD OUT	Marcie Logsdon, Cynthia Faux
Mon Feb. 19	Title	Level	Location	Fee (\$)	Speaker(s)
7:30a–11:30a	4 CE Hours Canine Extraction Lab H004	V	Eastern Center, Mesquite	SOLD OUT	Jennifer Mathis, Kristin Scott, Heidi Lobprise, Abbie Janisch, Vanessa Huizar, Ben Fredregill, Chelsea Musick, Heather Wilkerson
7:30a–11:30a	4 CE Hours Small Animal Ultrasound H013	V	Oquendo Center, Auditorium	SOLD OUT	<i>Krystina Stadler, Reynsen Shigemoto, Elizabeth Huynh, Elizabeth A. Ballegeer, Elodie Huguet, Lukas Kawalik, Federico Vilaplana-Grosso, Philip Hammel, Robert Schnurr, Kelsey Johnson, Amalie DiMiceli</i>
7:30a–11:30a	4 CE Hours Updating Your Ocular Surgical Techniques for the Primary Care Practitioner H020	V	Oquendo Center, MPC	SOLD OUT	Rustin Sturgeon, Mark Bobofchak, Neal Wasserman, Chris Smith
7:30a–4:30p	8 CE Hours Introduction to Stifle Surgery for the Novice Orthopedist: Arthrotomy, Meniscus Management and Extra-Capsular Stabilization (ECS) H026	V	Oquendo Center, MPB	SOLD OUT	Kenneth Bruecker, Steven Petersen, Daniel Lewis



1:30p–5:30p	4 CE Hours Putting the Pieces Together: Solving the Anesthesia Puzzle H001	VT	Eastern Center, Mesquite	SOLD OUT	Katrina (Kate) Lafferty, Kristen Cooley
1:30p–5:30p	4 CE Hours Feline Extraction Lab H005	V	Oquendo Center, Auditorium	SOLD OUT	Jennifer Mathis, Heidi Lobprise, Abbie Janisch, Vanessa Huizar, Ben Fredregill, Chelsea Musick, Heather Wilkerson
1:30p–5:30p	4 CE Hours Small Animal Ultrasound H014	V	Oquendo Center, MPC	SOLD OUT	Krystina Stadler, Reynsen Shigemoto, Elizabeth Huynh, Elizabeth A. Ballegeer, Elodie Huguet, Lukas Kawalilak, Federico Vilaplana-Grosso, Philip Hammel, Robert Schnurr, Kelsey Johnson, Amalie DiMiceli
1:30p–5:30p	4 CE Hours Updating Your Ocular Surgical Techniques for the Primary Care Practitioner H021	V	Oquendo Center, MPC	SOLD OUT	Rustin Sturgeon, Mark Bobofchak, Neal Wasserman, Chris Smith
Tue Feb. 20	Title	Level	Location	Fee (\$)	Speaker(s)
7:30a–11:30a	4 CE Hours Putting the Pieces Together: Solving the Anesthesia Puzzle H002	VT	Oquendo Center, MPC	SOLD OUT	Katrina (Kate) Lafferty Kristen Cooley
7:30a–11:30a	4 CE Hours Periodontology Techniques Lab: Flaps, Grafts, and More H006	V	Eastern Center, Mesquite	SOLD OUT	Jennifer Mathis, Kristin Scott Brian Hewitt, Abbie Janisch Vanessa Huizar
7:30a–11:30a	4 CE Hours Small Animal Ultrasound H015	V	Oquendo Center, Auditorium	SOLD OUT	Krystina Stadler, Reynsen Shigemoto, Elizabeth Huynh, Elizabeth A. Ballegeer, Elodie Huguet, Lukas Kawalilak, Federico Vilaplana-Grosso, Philip Hammel, Robert Schnurr, Kelsey Johnson, Amalie DiMiceli
7:30a–4:30p	8 CE Hours Gastrointestinal & Urinary Tract Surgery: Tips & Tricks to Improve Outcomes & Make it Fun! H027	V	Eastern Center, Valley	SOLD OUT	Ameet Singh, Philipp Mayhew
7:30a–11:30a	4 CE Hours Introduction to Small Animal Acupuncture H031	V	Oquendo Center, MPC	SOLD OUT	Signe Beebe, Madeline Yamate
1:30p–5:30p	4 CE Hours Essential Skills in Dentistry for Veterinary Professionals H007	VT	Eastern Center, Mesquite	SOLD OUT	Benita Altier, Stefanie Perry, Denise Rollings
1:30p–5:30p	4 CE Hours Introductory Veterinary Point of Care Ultrasound for Technicians H016	VT	Oquendo Center, Auditorium	SOLD OUT	Soren Boysen, Serge Chalhoub Adam Gonzales, Lenore, Bacek, Xiu Ting Yiew, Tereza Stastny, Élyzabeth Lemieux, JoAnnie Letendre
1:30p–5:30p	4 CE Hours Intra-articular Injections for the Treatment of Osteoarthritis in the Canine; Workshop H022	V	Oquendo Center, MPB	SOLD OUT	Sherman Canapp, Debra Canapp, Heather Weir
1:30p–5:30p	4 CE Hours Fear Free: Gentle Control & Handling H028	V VT	Oquendo Center, MPC	440	Julia Albright, Jennifer Merlo
Wed Feb. 21	Title	Level	Location	Fee (\$)	Speaker(s)
7:30a–11:30a	4 CE Hours Essential Skills in Dentistry for Veterinary Professionals H008	VT	Eastern Center, Mesquite	440	Benita Altier, Stefanie Perry Denise Rollings
7:30a–11:30a	4 CE Hours Veterinary Point of Care Ultrasound for Everyday Practice H017	V VT	Oquendo Center, Auditorium	SOLD OUT	Soren Boysen, Serge Chalhoub Adam Gonzales, Lenore, Bacek, Xiu Ting Yiew, Tereza Stastny, Élyzabeth Lemieux, JoAnnie Letendre
1:30p–5:30p	4 CE Hours Veterinary Point of Care Ultrasound for Everyday Practice H018	V VT	Oquendo Center, Auditorium	SOLD OUT	Soren Boysen, Serge Chalhoub Adam Gonzales, Lenore, Bacek, Xiu Ting Yiew, Tereza Stastny, Élyzabeth Lemieux, JoAnnie Letendre



Veterinarian



Veterinary Technician

LEARNING LOUNGE | THE JOINT

Mon Feb. 19	Title	Speaker(s)	Sponsor
9:30–9:55a	Lateral Fabellar Suture Stifle Stabilization – Keys to Success EL36J	Ross Palmer	 Securos Surgical [®] <small>AmerisourceBergen</small>
10:30a–12:25p	Ticks: There's a Lot to DRAW Out EL37J	Kathryn Duncan Ryan De Voe	 MERCK Animal Health
1:00–1:25p	Five Key Things Your Dermatologist Wants You To Know EL39J	Michael Rossi	
1:00–1:55p	Serving up a Healthy Portion of Culture in Your Practice EL40J	Cindy Trice	 MWI [®] Animal Health <small>AmerisourceBergen</small>
2:00–2:25p	Nylabone as Behavioral Solution EL41J	Wailani Sung	
2:30–2:55p	Diagnostic Approach & Dietary Management of Chronic Enteropathy 1/2 EL42J	Kenneth Simpson	
2:30–3:25p	Diagnostic Approach & Dietary Management of Chronic Enteropathy 2/2 EL43J	Kenneth Simpson	
3:30–4:25p	Coffee & Connections - Connecting You with the Right Professional Team for Future, New, & Existing Owners EL44J	Peter A. Weinstein, Mariza Martinez, Byron Farquer, Silas Harrington.	Bank of America 
Tue Feb. 20	Title	Speaker(s)	Sponsor
9:30–9:55	Lateral Fabellar Suture Stifle Stabilization – Keys to Success EL45J	Ross Palmer	 Securos Surgical [®] <small>AmerisourceBergen</small>
10:30a–12:55p	Blood Films: What Clinical Picture do they Paint? EL47J	C. Guillermo Couto, Casey Etter	IDEXX
1:30–2:25p	A Panel Discussion About Cancer in Dogs & The Impact of Early Detection EL49J	Amanda Brehm, Angelo Marco, Tracy Kerns	PetDX
2:30–2:55p	The Tech We Wish We Had - Crafting the Tech Savvy Clinic of Tomorrow EL50J	MarySchwartz	 PetDesk
3:00–3:25p	Seamless Integration: Infusing Canine Cancer Screening into Daily Veterinary Practice EL51J	Rebecca Timmons	Valition Veterinary 
3:30–4:25p	Corporate & Private Equity Are Killing Us: How Worker Cooperatives Can Save The Veterinary Industry EL53J	Cherri Trusheim Joseph Coury	



Wed Feb. 21	Title	Speaker(s)	Sponsor
9:30-10:25a	Ticks: Know Your Enemy EL80J	Kathryn Duncan	 MERCK Animal Health
10:30-11:25a	Behind the Floppy Ear: Explore Common Findings of Ear Cytology EL81J	Debera Butler	 MERCK Animal Health
10:30a-12:25p	Vaccine Mastery: Tips & Tricks for Veterinary Technicians EL82J	Christopher Lee	 MERCK Animal Health
12:30-1:20p	What's in This Fecal: Parasites, Pollen, or Particulates EL83J	Kathryn Duncan	 MERCK Animal Health

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LEARNING LOUNGE | PHARMACY

Mon Feb. 19	Title	Speaker(s)	Sponsor
9:30–9:55a	Introducing Canine Cancer Screening: Overcoming Challenges with Nu.Q® Vet EL01P	<i>Rebecca Timmons</i>	
10:30–11:25a	Feline Injection-site Sarcomas EL03P	<i>Ed Loebach</i>	
11:30a–12:25p	Veterinary Staffing in 2024: How to Build a Happy Practice EL05P	<i>Zonram Liao</i>	
12:30–12:55p	Sampling for Success: Getting the Most out of Urine & Sediment Analysis EL06P	<i>Sarah Sweet</i>	
1:30–1:55p	Shockwave Therapy for Treatment of EIPH in Barrel Horses EL08P	<i>Beau Whitaker Karl Jernstedt</i>	
2:00–2:55p	Multi-Modal Approach to Allergy Patients EL09P	<i>Valerie Fadok Joe Bartges</i>	
3:00–3:45p	Pet Food Facts & Fables: Part I EL10P	<i>Donna Raditic Joe Bartges</i>	
3:55–4:40p	Pet Food Facts & Fables: Part II EL11P	<i>Donna Raditic Joe Bartges</i>	
Tue Feb. 20	Title	Speaker(s)	Sponsor
9:30–10:25a	Early Diagnosis = Early Intervention. Tips from a Rehabilitation Specialist for Partnering with your Clients to Achieve the Best Outcomes for Long-term Osteoarthritis Management EL13P	<i>Kara Amstutz</i>	
10:30–11:25a	How to Drive In-Clinic Pharmacy Sales EL18P	<i>Wendy Myers</i>	
11:30–11:55a	Changing Landscapes: Veterinary Parasitology Trends & Innovations EL20P	<i>Andrew Clark</i>	
12:30–12:55p	It's Not Magic (But it Seems Like it!): Discover a Timesaving, Personalized Client Education Tool for Your Team EL22P	<i>Emily Tincher Jules Benson</i>	
1:00–1:25p	Managing Pain and Inflammation in Osteoarthritis EL48J	<i>Kara Burns</i>	
1:30–1:55p	Early Chronic Kidney Disease in the Cat: How to Detect it & What to do Next EL23P	<i>Sarah Sweet</i>	
2:00–2:25p	Feline Dermatology: Don't Forget the Topicals EL24P	<i>Melissa Hall</i>	



2:30-2:55p	Tailoring Treatment: Implementing Genetics in Small Animal Practice - Part 1: Traits EL25P	Angela Hughes	
3:00-3:25p	Tailoring Treatment: Implementing Genetics in Small Animal Practice - Part 1: Traits EL26P	Angela Hughes	
3:30-4:25p	The Science of Wellbeing: Designing Human-Centric Veterinary Buildings EL27P	Shawn Diederich Kate Hier	CLARK & ENERSEN
Wed Feb. 21	Title	Speaker(s)	Sponsor
9:30-10:25a	Achieving Healthy Team Balance While Keeping Up With Demand EL29P	Jennifer Quammen	
10:30-10:55a	Parasitology Perspectives for Feline Patients: Insights & Innovations EL31P	Amy Auch	
11:00-11:25a	Emerging Echinococcus EL32P	Kamilyah Miller	

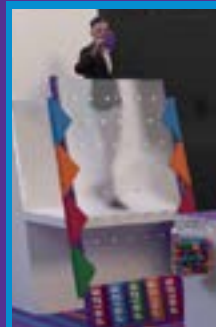


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LEARNING LOUNGE | WESTERN FRONTIER

Mon Feb. 19	Title	Speaker(s)	Sponsor
9:30–9:55a	Charting Your Course on the Path to Successful Ownership EL55W	Schwanda Flowers	
10:00–10:25a	Sampling for Success: In Clinic Ear Smear Analysis for Vets & Techs EL56W	Kimberly Yore	
10:30–11:25a	Animal Health Emergency Response EL57W	Greg Ramos	
11:30a–12:25p	Antibiotic Use in Animals EL59W	Bob Bonifacio	
12:30–1:25p	High-Impact Equine Diseases in the U.S. EL62W	Keren Rozensher	
1:30–2:25p	Bovine Tuberculosis in Cattle EL63W	Bob Bonifacio	
3:30–4:25p	Paws, Prints, & Precious Memories Workshop: Unleash Your Creativity! EL67W	Mary Gardner	
Tue Feb. 20	Title	Speaker(s)	Sponsor
9:30–9:55a	Navigating the cOAST: Current Consensus on Managing Canine Osteoarthritis EL69W	Mark Epstein	
10:00–10:55a	Reimagine the Possibilities: Multi-Modality Imaging Case Review- A Practical Approach with a Radiologist's Perspective (view or lens). EL70W	Ken Waller	
11:00–11:25a	Dot Plots: Say What? EL71W	Kimberly Yore	
11:30a–12:25p	The ABCs of EFAs (Essential Fatty Acids) EL72W	Nancy Loes	
1:00–1:25p	Active Air Treatment EL74W	James Marsden	
1:30–2:25p	From Speed Bumps to Mega-Bytes: How Low-, Medium- & High-tech Solutions can Drive Efficiency in Your Hospital EL75W	Brendon Laing	
3:30–4:25p	Paws, Prints, & Precious Memories Workshop: Unleash Your Creativity! EL76W	Mary Gardner	



Wed Feb. 21	Title	Speaker(s)	Sponsor
9:30-9:55a	Knot Sure: How to Choose the Right Suture Pattern for the Job EL77W	Courtney Campbell	 Securos Surgical <small>AmerisourceBergen</small>
10:00-10:25a	Interpreting Results, Reading Emotions: The Dual Sensitivities of Canine Cancer Screening EL78W	Rebecca Timmons	
10:30-11:25a	Telemedicine & the VCPR: Opportunities & Risks EL79W	Link Welborn	
12:30-1:25p	Paws, Prints, & Precious Memories Workshop: Unleash Your Creativity! EL115W	Mary Gardner	



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Join Zoetis' Vet Team Spot inside the Exhibit Hall at WVC Central on Feb. 19 and 20 for drop-in CE sessions that will enrich your understanding and enhance your practice.

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Mon Feb. 18	Title	Speaker(s)
9:15-9:40a	Words Matter: Improving Patient Outcomes By Considering Health Literacy EL84C	<i>Heather Berst</i>
9:45-10:10a	Heartworms in Hiding: Detecting Feline Heartworm Disease EL85C	<i>Christopher Adolph</i>
10:15-10:40a	US Heartworm Disease Prevention: A Journey from Resistance to Regulation EL86C	<i>Jessica Rodriguez</i>
10:45-11:10a	Feedback Made Easy EL87C	<i>Heather Berst</i>
11:15-11:40a	Journey from Price to Value - Become Fearless of Your Fees EL88C	<i>Shannon Sura</i>
11:45a-12:10p	Focus Your Dermatology Diagnosis and Care EL89C	<i>Jennifer Schissler</i>
12:15-12:40p	What You Need to Know about Librela: Case Selection & Examples EL90C	<i>Kristin Kirkby Shaw</i>
12:45-1:10p	From Paws to Purrs: Understanding OA Pain from a Cat's Point of View EL91C	<i>Tracey Deiss</i> <i>Kristin Kirkby Shaw</i>
1:15-1:40p	Cat Interrupted: The Impact of Feline Vet Visit Fear & Anxiety on our Patients, Their Peeps, & our Practices. EL92C	<i>Tracey Deiss</i>
1:45-2:10p	Pet Insurance: Why You Should Care! EL93C	<i>Matt McGlasson</i>
2:15-2:40p	Flushing Away Opportunities: The Unforeseen Costs of Urinalysis Neglect EL94C	<i>Eric Morissette</i>
2:45-3:10p	Journey from Price to Value - Become Fearless of Your Fees EL95C	<i>Shannon Sura</i>
3:15-3:40p	5 Tips to Make Recommending Dental Care Easy EL96C	<i>Shannon Cabell</i>
3:45-4:10p	The Sweet Ease of At Home Glucose Monitoring EL97C	<i>Shannon Sura</i>
4:15-4:40p	Help Your Vet Help Themselves - Specialty Consults Made Easy EL98C	<i>Robert Forbes</i>
Tue Feb. 20	Title	Speaker(s)
9:15-9:40a	Using Genetic Insights to Guide a Lifetime of Care EL99C	<i>Ernest Ward</i>
9:45-10:10a	What You Need to Know about Librela: Case Selection & Examples EL100C	<i>Kristin Kirkby Shaw</i>
10:15-10:40a	Come See Apoquel®'s 10 Year Glow Up: Chew on This! EL101C	<i>Jennifer Schissler</i>
10:45-11:10a	A Peaceful Passing: Best Practices to Improve the End of Life & Euthanasia Experience for Our Patients & Clients EL102C	<i>Shannon Cabell</i>
11:15-11:40a	Communication Across Generations EL103C	<i>Heather Berst</i>
11:45a-12:10p	Why Wait? Cytology When You Need It EL104C	<i>Jennifer Schissler</i>
12:15-12:40p	Heartworms in Hiding: Detecting Feline Heartworm Disease EL105C	<i>Christopher Adolph</i>
12:45-1:10p	Gut Check: Decoding Intestinal Parasite Prevalence Statistics EL106C	<i>Jen Sheehy</i>
1:15-1:40p	Come See Apoquel®'s 10 Year Glow Up: Chew on This! EL107C	<i>Jennifer Schissler</i>
1:45-2:10p	The Human Expertise Behind AI Diagnostics EL108C	<i>Eric Morissette</i>
2:15-2:40p	Got Cells? Tips and Tricks for Better Cytology Samples EL109C	<i>Sarah Johnson</i>
2:45-3:10p	Five Practical Tips to Perfect Your Feline Treatment Plans EL110C	<i>Natalie Marks</i>
3:15-3:40p	Communicating to Owners the Urgency of Treating Their Pet's Pain EL111C	<i>Sharon Campbell</i>
3:45-4:10p	From Paws to Purrs: Understanding OA Pain from a Cat's Point of View EL112C	<i>Kristin Kirkby Shaw</i> <i>Tracey Deiss</i>
4:15-4:40p	Cat Interrupted: The Impact of Feline Vet Visit Fear & Anxiety on our Patients, Their Peeps, & our Practices. EL113C	<i>Tracey Deiss</i>



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EXHIBIT HALL - WVC CENTRAL

FEB. 21 9:30a-12:55p

WORKSHOPS

Sun Feb. 18	Title	Location	Level	Fee (\$)	Instructor(s)
11:00a-12:50p	Lead to Thrive: The Art & Science of Building a Positive Practice Culture WS01	Surf F, Level 2	V VT PM	SOLD OUT	Josh Vaisman
2:00-3:50p	In Search of the Elusive Veterinary Technician WS03	Surf F, Level 2	V VT PM	65	Brad Patton
2:00-4:50p	3D Printing in Veterinary Medicine WS04	Surf D, Level 2	V VT	SOLD OUT	Fred Wininger
Mon Feb. 19	Title	Location	Level	Fee (\$)	Instructor(s)
10:35a-12:25p	Physical Rehab for Neurologic Patients WS07	Surf F, Level 2	VT	SOLD OUT	Brittany Laflen Jessica Bowditch
10:35a-12:25p	This Clinic's On Fire - An Interactive Game-based Practice Management Workshop WS08	Surf D, Level 2	V VT PM	SOLD OUT	Rhonda Bell Andrea Crabtree Wood Robin Brogdon Leslie Mamalis
2:00-5:50p	Design of an Emergency Animal Shelter WS09	Surf F, Level 2	V VT	65	Cynthia Faux Tim Perciful Josh Cary
2:00-3:50p	Canine Problem Behavior Interactive Case Discussion WS10	Surf D, Level 2	V VT	SOLD OUT	Julia Albright Margaret Gruen
4:35-6:25p	Feline Problem Behavior Interactive Case Discussion WS12	Surf D, Level 2	V VT	SOLD OUT	Julia Albright Margaret Gruen



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Tue Feb. 20	Title	Location	Level	Fee (\$)	Instructor(s)
8:00-9:50a	Exploring Practice Software - What Is Right For Your Practice WS13	Surf F, Level 2	V VT PM	65	Nancy Dewitz
8:00-9:50a	Keep the Food Flowing: Feeding Tube Maintenance & Troubleshooting WS14	Surf D, Level 2	VT	65	Ann Wortinger Kara Burns
10:35a-12:25p	This Clinic's On Fire - An Interactive Game-based Practice Management Workshop WS15	Surf F, Level 2	V VT PM	65	Leslie Mamalis, Robin Brogdon, Andrea Crabtree Wood, Rhonda Bell
10:35a-12:25p	The Price is Right: Nutrition Calculations WS16	Surf D, Level 2	VT	65	Ann Wortinger Kara Burns
2:00-3:50p	Financial Bootcamp for People New to the Numbers WS17	Surf F, Level 2	V VT PM	SOLD OUT	Camala Bailey
2:00-3:50p	Fear Free® Handling Workshop WS18	Surf D, Level 2	VT	65	Debbie Martin
Wed Feb. 21	Title	Location	Level	Fee (\$)	Instructor(s)
8:00-9:50a	Workplace Culture Derailed! How to Get Your Practice Back on the Tracks WS21	Surf D Level 2	V VT PM	SOLD OUT	Wendy Hauser
10:35a-12:25p	Emotional Intelligence in the Workplace - Learn It & Live it WS22	Surf D, Level 2	V VT PM	65	Ellen Lowery
2:00-3:50p	Unleashing the Power of AI: From Concept to Reality in Building Your Veterinary Practice Playbook WS23	Surf D Level 2	V VT PM	SOLD OUT	Stacey Santi, Adam Little



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NAVTA | WHO WE ARE

NAVTA is a dynamic community of credentialed veterinary technicians dedicated to advancing the profession of veterinary nursing through advocacy, awareness, and professional development.



NAVTA
National Association of Veterinary
Technicians in America

NAVTA's VALUES

NAVTA is committed to **leading and elevating the profession.**

NAVTA is a **mission- and member-driven association.**

NAVTA encourages **diversity in ideas, perspectives and people.**

NAVTA believes in **open and honest communication.**

NAVTA's GOALS

ADVOCACY

NAVTA will be the advocate for professional standards in veterinary nursing.



AWARENESS

The public and the veterinary community will recognize and respect the vital role of the veterinary nursing professional.



INFRASTRUCTURE

NAVTA will be structured, governed and aligned to maximize financial, staff and volunteer resources to meet our goals.



MEMBERSHIP

NAVTA will be a growing community of members who find participation relevant and valuable.



PROFESSIONAL DEVELOPMENT

NAVTA will support and encourage members to expand their knowledge and expertise in veterinary nursing.



Learn more about NAVTA: navta.net • info@navta.net

VETERINARY TECHNICIAN

Sun Feb 18	Anesthesia	Internal Medicine	Mon Feb 19	Professional Development	Dentistry
	Emergency & Critical Care	Dentistry		Emergency & Critical Care / Ophthalmology	Professional Development / Emergency & Critical Care
	Lagoon G Level 2	Lagoon H Level 2		Lagoon G Level 2	Lagoon H Level 2
10:00–10:50a	Breathe In, Breathe Out: The Ins & Outs of Capnography VT01 Katrina (Kate) Lafferty	Hepatocutaneous Syndrome: A Tech's Guide VT35 Yvonne Brandenburg	8:00–8:50a		
11:00–11:50a	A Face Only a Mother Could Love: Anesthetic Considerations for Brachycephalic Breeds VT02 Katrina (Kate) Lafferty	Addison's: Hypo Adrenals & The Great Pretender VT36 Yvonne Brandenburg	9:00–9:50a	Coaching vs. Discipline VT17P Tami Lind, Ellen Lowery	Is Dog Breath Normal? Understanding Periodontal Disease VT15 Denise Rollings
12:00–12:50p	Tubes & Holes: How to Become a Master Intubator VT03 Katrina (Kate) Lafferty	Cracking the Code: Understanding Blood Chemistry VT37 Yvonne Brandenburg	Visit the Exhibit Hall 9:50–10:35a		
2:00–2:50p	CRI Usage for Anesthesia & Analgesia VT04 Katrina (Kate) Lafferty	"Normal" Cat Vomiting: There's No Such Thing EX38 Yvonne Brandenburg	10:35–11:25a	Solutions for Your Dilution Confusion Part II: Achieving CRI Enlightenment VT26 Alice Murtas	Introduction to Dental Radiograph Positioning VT16 Denise Rollings
3:00–3:50p	Cats Are Not Small Dogs Part I VT23 Alice Murtas	It's More than Missing Teeth: Dental & Oral Abnormalities VT13 Denise Rollings	11:35a–12:25p	Taking Care of the Plumbing: Indwelling Line Care VT27 Michelle Rice	Navigating the Drama Triangle VT18P Ellen Lowery, Tami Lind
4:00–4:50p	Cats Are Not Small Dogs Part II VT24 Alice Murtas	Name that Bite: Recognizing Canine & Feline Malocclusions VT14 Denise Rollings	Visit the Exhibit Hall 12:25–2:00p		
5:00–5:50p	Solutions for Your Dilution Confusion Part I: Medical Math Basics VT25 Alice Murtas		2:00–2:50p	Don't Leave Me with the Babies!! Care of Canine & Feline Neonates VT28 Michelle Rice	Fugus Amungus: an Overview of Fungal Diseases VT19 Tami Lind
			3:00–3:50p	Eye Caramba! Ocular Emergencies VT29 Michelle Rice	Critical Illness in Cats VT20 Tami Lind
			Visit the Exhibit Hall 3:50–4:35p		
			4:35–5:25p	Ouch! That Stick Bit Me! Snake Envenomation VT30 Michelle Rice	Critical Care Case Studies VT21 Tami Lind
			5:35–6:25p		DKA – Dogs vs. Cats VT22 Tami Lind



Tues Feb 20	Cardiology	Behavior	Wed Feb 21	Nutrition	Surgery
	Neurology	Feline Medicine / Surgery		Feline Medicine / Professional Development	Physical Rehabilitation / Feline Medicine
	Lagoon G Level 2	Lagoon H Level 2		Lagoon G Level 2	Lagoon H Level 2
8:00-8:50a	Pathophysiology of Congestive Heart Failure & Common Treatments VT12 Anna Grimes	Crash, Boom, Bang! Protocols for Dogs with Sound Sensitivity VT05 Debbie Martin	8:00-8:50a	Feeding Puzzles: Nutrition and Enrichment VT45 Anne Wortinger	Upper Airway Disease - More than Just a Squished Face! VT55 Heidi Reuss-Lamky
9:00-9:50a	Recognizing Cardiac Syncope for Improved Patient Care VT09 Anna Grimes	Basic Behavior Pharmacology for Veterinary Technicians & Nurses VT06 Debbie Martin	9:00-9:50a	Cats: Feeding Requirements for an Obligate Carnivore VT46 Anne Wortinger	Canine Elbow Dysplasia - How Lamel! VT56 Heidi Reuss-Lamky
Visit the Exhibit Hall 9:50-10:35a			Visit the Exhibit Hall 9:50-10:35a		
10:35-11:25a	Advanced Procedures for Arrhythmia Management VT10 Anna Grimes	5 Tips to Help New Pet Owners Create a Fear Free Happy Life for their Pet! VT07 Debbie Martin	10:35-11:25a	Feline HCM & the Role of Nutrition VT47 Kara Burns	Snap, Crackle, Pop: Physical Rehabilitation's Role in Osteoarthritis VT49 Jessica Bowditch
11:35a-12:25p	Congenital Cardiac Disease VT11 Anna Grimes	10 Tips to Make Your Clients & Patients Eager to Come Back VT08 Debbie Martin	11:35a-12:25p	Nutritional Management of Pancreatitis VT48 Kara Burns	The Biggest Loser: Canine Edition VT50 Jessica Bowditch
Visit the Exhibit Hall 12:25-2:00p			Visit the Exhibit Hall 12:25-2:00p		
2:00-2:50p	Watch your Back! Intervertebral Disc Disease VT41 Brittany Laflen	Purrfecting Your Knowledge: Cat Friendly Tips for Veterinary Nurses & Technicians VT34 Kara Burns	2:00-2:50p	To Tell the Truth: Adjusting Client Notions About The Truth About Supporting Cat Behavior & Welfare VT31 Steve Dale	Stifle Your Excitement: Rehabilitation for the Orthopedic Patient VT51 Jessica Bowditch
3:00-3:50p	Unbalanced: Caring For Vestibular Patients VT42 Brittany Laflen	Hypothermia - What's the Hype? VT53 Heidi Reuss-Lamky	3:00-3:50p	Management Mistakes & How to Come Back From It: Part 1 VT39P Ellen Lowery, Tami Lind	The Do's and Do Not's: Critical Thinking for the Rehabilitation Patient VT52 Jessica Bowditch
Visit the Exhibit Hall 3:50-4:35p			Visit the Exhibit Hall 3:50-4:35p		
4:35-5:25p	Much Ado About Shunting: Portosystemic Shunts VT43 Brittany Laflen	Beating the 'Bugs' - Sterilization is Instrumental VT54 Heidi Reuss-Lamky	4:00-4:50p	Management Mistakes and How to Come Back from Them: Part 2 VT40P Ellen Lowery, Tami Lind	It May Not be the Fountain of Youth: But It May Help - Enrichment for Senior Cats VT32 Steve Dale
5:35-6:25p	Atlantoaxial Instability: Keeping Your Head VT44 Brittany Laflen		5:00-5:50p		Do Cats Consent to Anything? How Cat Consent Supports Veterinary Visits & the Human Animal Bond VT33 Steve Dale

PRACTICE MANAGEMENT

Sun Feb 18	Practice Operations Technology	Internal Medicine
	Purchase & Sales Human Resources	Dentistry
	Breakers H Level 2	Breakers K Level 2
10:00-10:50a	Is Your Practice Holding You Hostage? PM02 Louise Dunn	Branding Your Practice Doesn't Have to Hurt PM11 Rhonda Bell
11:00-11:50a	The Financial & Operational Benefits of Fear Free Hospital Certification PM05 Michael Hargrove	Zero Stars, Do Not Recommend: Managing Negative Reviews Online PM12 Rhonda Bell
12:00-12:50p	Veterinary Practice Sales: Partial vs. Total Sale & the Impact on Value PM06 Michael Hargrove	Re-hire vs. Retention - How to Make Them STAY PM14 Andrea Crabtree Wood
2:00-2:50p	How "Convenient" Can Your Practice Get? The Inconvenient Truth PM04 Louise Dunn	Tough Talks with Your Team PM15 Andrea Crabtree Wood
3:00-3:50p	Are You an Angry, Frustrated Manager? Flip the Switch for a Better Response PM03 Louise Dunn	Veterinary Management Benchmarks: Guidelines, Goals or Garbage? PM07 Michael Hargrove
4:00-4:50p	I Wish I'd Known: The Top 5 Skills We Aren't Teaching Veterinary Managers PM09 Josh Vaisman	The Truth Behind the Multiple: What is a Capitalization Rate, Anyway? PM08 Michael Hargrove
5:00-5:50p	Stop the Bleeding: Leadership Practices that Improve Veterinary Retention PM10 Josh Vaisman	

Mon Feb 19	Human Resources	Human Resources
	Technology Practice Operations	Practice Operations Marketing
	Breakers H Level 2	Breakers K Level 2
8:00-8:50a		
9:00-9:50a	Attendance Policy Revamp PM01 Louise Dunn	Branding & Recruitment – What do They Have to do with The Other? PM19P Robin Brogdon, Stacy Pursell
Visit the Exhibit Hall 9:50-10:35a		
10:35-11:25a	Artificial intelligence in the Veterinary Industry PM17 Shawn Wilkie	Tips to Close the Deal With a Potential Recruit PM23 Stacy Pursell
11:35a-12:25p	10 Innovative Companies in Vet Med Worth a Look PM18 Shawn Wilkie	Veterinary Inventory 101 PM25 Brad Patton
Visit the Exhibit Hall 12:25-2:00p		
2:00-2:50p	The Other-Abled: Strategies for Including Chronically Ill & Handicapped Team Members in Vet Med PM13 Rhonda Bell	Veterinary Inventory 202 PM26 Brad Patton
3:00-3:50p	Evaluating a Potential Employer PM20 Robin Brogdon	Automate to Accelerate: Improving Efficiency Through Automation PM27 Craig Spinks
Visit the Exhibit Hall 3:50-4:35p		
4:35-5:25p	Work ON Your Practice, Not Just IN Your Practice PM16 Andrea Crabtree Wood	AI in Action: Using ChatGPT to Improve Your Communications & Marketing PM28 Craig Spinks
5:35-6:25p		Negotiating: What Can I Ask For? Getting What You Want, Fairly PM24 Stacy Pursell



Tues Feb 20	Human Resource Marketing	Marketing Legal	Wed Feb 21	Human Resources	Purchase & Sales Marketing
	Financial Purchase & Sales	Human Resources Information Technology		Practice Operations	Financial Human Resources
	Breakers H Level 2	Breakers K Level 2		Breakers H Level 2	Breakers K Level 2
8:00-8:50a	Orientation AND Onboarding – The Key to Retention PM21 Robin Brogdon	Smarter with Your Smartphone: Elevating Your Photography & Videography PM29 Craig Spinks	8:00-8:50a	How to Give Feedback That Improves Job Performance PM43 Amanda Donnelly	Compensation: Meeting the Market & Making it Work PM42 Karen Felsted
9:00-9:50a	Personal Branding: Why the Perception of Your Value Determines Your Reality PM22 Robin Brogdon	Hiring in HD – Elevating Your Recruiting & Onboarding with Video PM30 Craig Spinks	9:00-9:50a	How to Increase Motivation & Help Your Generation Z Team Members Succeed PM44 Amanda Donnelly	The Magic 20%: How to Woo, Wow, & Win Your Top Clients PM47 Stacey Santi
Visit the Exhibit Hall 9:50-10:35a			Visit the Exhibit Hall 9:50-10:35a		
10:35-11:25a	Financial Statements 201 PM31P Mira Johnson, Jimmy Bell	A Regroup on Hot Legal Issues: Non-competes, CBD, Telemedicine & Others PM35 Charlotte Lacroix	10:35-11:25a	How to 'Up Your Game' as a Leader PM49 Wendy Hauser	Budgeting: The Secret to Less Stress & More Profit PM51 Camala Bailey
11:35a-12:25p	What's Eating Your Bottom Line? PM32P Mira Johnson, Jimmy Bell	Implementing Telemedicine in Your Practice PM36 Charlotte Lacroix	11:35a-12:25p	Out of Bounds: The Role of Self in Establishing Personal & Professional Limits PM50 Wendy Hauser	Stop Acting Like a Girl: 6 Tips For Success in Business PM48 Stacey Santi
Visit the Exhibit Hall 12:25-2:00p			Visit the Exhibit Hall 12:25-2:00p		
2:00-2:50p	Fraud: Trends in the Veterinary Industry PM33P Mira Johnson, Jimmy Bell	Attracting the New Generation of Talent PM37 Charlotte Lacroix	2:00-2:50p	Identifying Efficiency & Productivity Changes Needed in Your Practice PM53P Peter Weinstein Karen Felsted	Managing Labor Costs in Challenging Times PM52 Camala Bailey
3:00-3:50p	Rethink Reward & Retention PM34P Mira Johnson, Jimmy Bell	Scams, Phish & Other IT Trouble Spots PM39 Nancy Dewitz	3:00-3:50p	Improving Productivity & Efficiency in Your Practice PM54P Peter Weinstein, Karen Felsted	Why Clients Leave Without Saying "Yes" PM45 Amanda Donnelly
Visit the Exhibit Hall 3:50-4:35p					
4:35-5:25p	Considerations when Selling Your Practice but Holding onto the Real Estate PM38 Charlotte Lacroix	How to Minimize Technology Hiccups PM40 Nancy Dewitz	4:00-4:50p	Taking the Pain out of the Money Talk PM55 Peter Weinstein	What Team Members Say to Pet Owners & How to Say it Better PM46 Amanda Donnelly
5:35-6:25p	I Want to Sell my Practice to Another Veterinarian. What Do I Do? PM41 Karen Felsted		5:00-5:50p	Being a Leader in the Tik Tok Era PM56 Peter Weinstein	

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3:30 p.m. - 5:00 p.m.

Wednesday

9:30 a.m. - 11:00 a.m.
12:00 p.m. - 2:00 p.m.

Booth #1793 in the Exhibit Hall

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WELL TRUST(TIANJIN) TECH CO., LTD	1183

ARTIFICIAL INSEMINATION PRODUCTS

ENDOSCOPY SUPPORT SERVICES, INC.	1438
MAI ANIMAL HEALTH	2221
MINITUBE USA	1724
SK TELECOM	1485
WONDFO USA	322

AUTOCLAVES, STEAM & GAS, STERILITY ASSURANCE

DNTLWORKS ANIMAL HEALTH	460
JD MEDICAL	741
MEDS FOR VETS	1345
NEWVETEQUIPMENT.COM	
USEDVETEQUIPMENT.COM	2284
TUTTNAUER USA	755

AVIAN & EXOTIC EQUIPMENT, DRUGS, & SUPPLIES

ADDISON BIOLOGICAL LABORATORY, INC.	1729
BIOVISION VETERINARY ENDOSCOPY LLC	1725
IVIMEA, LLC	1375
LAFFEBER - EMERALD	1726
MEDICAL PET SHIRTS INTERNATIONAL BV	1825
MEDS FOR VETS	1345
GATEWAY/PAWPAL	722
SKULLS UNLIMITED INTERNATIONAL, INC.	2429
SNYDER MFG. CO.	2016
SONTEC INSTRUMENTS, INC.	1360
SR SCALES BY SR INSTRUMENTS	2428
UNIVERSAL SURGICAL INSTRUMENTS	2216
VORTECH PHARMACEUTICALS	425

BANDAGES

CRESILON INC - VETIGEL	513
GENIA USA INC.	565

MANTIZ CO., LTD.	2986
MEDICAL PET SHIRTS INTERNATIONAL BV	1825
MILLPLEDGE VETERINARY	1104
NEOGEN	2179
OVIK HEALTH	1928
VETMED SOLUTIONS	700
VETRAMIL/BFACTORY	2887
ZENPET	645

BANK SERVICES

BANC OF CALIFORNIA	508
BANK OF AMERICA PRACTICE SOLUTIONS	1720
CARECREDIT / PETS BEST	2461, 2664
CASHDISCOUNTPROGRAM.COM	604
ELITE PAYMENT GROUP	1618
FIRST COMMAND BANK	1622
FIRST FINANCIAL BANK	2125
GRAVITY PAYMENTS	1349
HIGHLAND CAPITAL CORPORATION	1344
HUNTINGTON BANK PRACTICE FINANCE	2879
MATTHEWS REAL ESTATE INVESTMENT SERVICES	627
NEWLANE FINANCE CORP	1822
PROVIDE	872
RABBIT SAVIOR	3189
SIGNAPAY MEDICAL	229
UNITED COMMUNITY BANK	1677

BEHAVIOR MANAGEMENT PRODUCTS, SERVICES, & CONSULTANTS

ELLEVEET SCIENCES	1460, 1461
EZEE-VISIT PET VET MAT	660
KVP INTL	1925
MAVEN PET INC	2882
NUTRAMAX LABORATORIES VETERINARY SCIENCES, INC.	2247
NYLABONE	850
SAN FRANCISCO SPCA	3294
VETERINARY INFORMATION NETWORK (VIN)	2552

BEREAVEMENT & PET LOSS

CHRISTIAN VETERINARY MISSION	3286
EKAM AROGYA LLC	3299
LAP OF LOVE VETERINARY HOSPICE	2775
ONLY CREMATIONS AND AQUAMATION FOR PETS	1476
GATEWAY/PAWPAL	722
PEACEFUL MEMORIES	744
POSITIVE IMPRESSIONS	1364
US CREMATION EQUIPMENT	802
VISUAL MANAGEMENT	2217

BLOOD TRANSFUSION EQUIPMENT & SERVICES

ABRI	1245
CRESILON INC - VETIGEL	513
PRACTIVET	818

BOVINE PRODUCTS

ABRI	1245
ADDISON BIOLOGICAL LABORATORY, INC.	1729
DIAMOND ANIMAL HEALTH, INC.	1373
E. I. MEDICAL IMAGING	1776
MAI ANIMAL HEALTH	2221
MEDGENE	1525
MIDWEST VETERINARY SUPPLY	2576
NEOGEN	2179
NORBROOK INC.	2471
PET-AG, INC.	1261
PNEU-DART, INC.	639
POSITIVE IMPRESSIONS	1364
SKY VET SUPPLY	1381
STONE MFG. & SUPPLY CO.	1452
VET CONCEPTS/MAI ANIMAL HEALTH	2225
VETOQUINOL	1753
VIRBAC CORPORATION	1961

CASUALTY, LIABILITY, & PROFESSIONAL LIABILITY INSURANCE

AVMA FAMILY	2153
AVMA TRUST	2288

CLIENT EDUCATION & HOME-CARE INFORMATION

ACT ONLINE TRAINING	1716
BLACK TULIP MANAGMENT DBA BARKLE	770
CHRONOS	521
DR. BUZBY'S—THE SENIOR DOG COMPANY	1151
EVERYCAT HEALTH FOUNDATION	3291
FEAR FREE, LLC	1350
INTOUCH PRACTICE COMMUNICATIONS	2680
LIFELEARN, INC.	2227
MULTI RADIANCE MEDICAL / WELLVU	437
PAWLICY ADVISOR	1984
VISUAL MANAGEMENT	2217

CLIPPING, BATHING, & SURGICAL PREP.

M BIOLOGICS	401
VETFLEX	649
VETRAMIL/BFACTORY	2887

CONSULTING SERVICES

ACKERMAN GROUP	1919
BERKLEY & BERKLEY CPAS LLC	2086
CASHDISCOUNTPROGRAM.COM	604
CHRONOS	521
COMPUSHOOTER LLC	131
DYKEMA	610
GENIUSVETS	2220
GRAVITY PAYMENTS	1349
HEALTH TECHNOLOGY PROFESSIONAL PRODUCTS, INC.	1239
I.T. GURU	520
LEGACY VETERINARY ADVISORS	748

EXHIBITOR CATEGORIES

MONARCH BUSINESS CONSULTING.....	2588
MWI ANIMAL HEALTH.....	2146, 2244
MYVETGROUP.....	561
PACIFIC PROFESSIONALS, INC.....	2128
PET POISON HELPLINE.....	822
PETDX.....	1785
SEAN DHUYVETTER.....	2772
SHEPHERD VETERINARY SOFTWARE.....	1468
SHIPP'S DENTAL AND SPECIALTY PRODUCTS.....	2316
SIGNALPET.....	1077
SIMMONS & ASSOCIATES.....	1668
THE NATIONAL VETERINARY LAW GROUP AT MANDELBAUM BARRETT PC.....	648
THE VET RECRUITER.....	1820
THE VETERINARY COOPERATIVE (TVC).....	1265
TOTAL PRACTICE SOLUTIONS GROUP.....	1012
TRINITY PORTFOLIO ADVISORS.....	1377
UNIWEB, INC.....	331
VET AND TECH INC.....	903
VET SPECIALIST ON DEMAND.....	454
VETIQ STAFFING.....	702
VETVET.....	625

CT AND/OR MRI

BROWN'S MEDICAL IMAGING.....	2865
COVETRUS.....	1646
DENTAL FOCUS, LLC.....	2681
EPICA INTERNATIONAL.....	543
ESAOTE NORTH AMERICA.....	526
FUJIFILM HEALTHCARE AMERICAS CORPORATION.....	618
MICRO PHOTONICS.....	1484
MXR IMAGING.....	1824
MYVET IMAGING.....	605
PETCURE ONCOLOGY.....	2770
SAMSUNG.....	1051
SEDECAL USA, INC.....	2022, 2023
STUDYCAST BY CORE SOUND IMAGING.....	1280
XORAN TECHNOLOGIES.....	1281

DENTAL EQUIPMENT, INSTRUMENTS & MATERIALS

ADDISON BIOLOGICAL LABORATORY, INC.....	1729
ALLEVO VETERINARY SOLUTIONS.....	2481
ANTECH.....	1769
BIONET AMERICA, INC.....	1517
BLACK TULIP MANAGMENT DBA BARKLE.....	770
COLTENE.....	1616
COVETRUS.....	1646
DENTAL FOCUS, LLC.....	2681

DENTALAIRE.....	1584
DISPOMED.....	1921
DNTLWORKS ANIMAL HEALTH.....	460
ELITE SCIENCE LLC.....	244
ENOVA ILLUMINATION.....	1523
GERVETUSA INC.....	1000
IM3, INC.....	1351
MAGPIE TECH CORP.....	2085
MAI ANIMAL HEALTH.....	2221
MEDI-LOUPES.....	720, 2662
MEDICAL ILLUMINATION.....	1717
MIDMARK CORPORATION.....	1137
MYVET IMAGING.....	605
NEWVETEQUIPMENT.COM USEDVETEQUIPMENT.COM CUSPID EQUIPMENT.COM.....	2284
OLYMPIC VETERINARY.....	951
PKB ANIMAL HEALTH.....	2122
ROSE MICRO SOLUTIONS LLC.....	1005, 1628, 2636
SCOUT.....	1481
SEDECAL USA, INC.....	2022, 2023
SHENYANG ZS ORTHO TECHNOLOGY CO., LTD.....	2886
SHIPP'S DENTAL AND SPECIALTY PRODUCTS.....	2316
SKULLS UNLIMITED INTERNATIONAL, INC.....	2429
SKY VET SUPPLY.....	1381
SURGITEL.....	2168
TARTAR SHIELD PET PRODUCTS, INC.....	724
THE ONE MEDICAL DEVICES TECHNOLOGY APPLIANCE CO., LTD.....	405
VETEL DIAGNOSTICS.....	1004
VETSPECS, INC.....	1826
WALDMANN LIGHTING.....	969

DERMATOLOGY

ADVANCED MONITORS CORP.....	2317
ALL FOUR PAWS.....	2121
ANIMALBIOME.....	2875
CRYOPROBE.....	745
DECHRA VETERINARY PRODUCTS.....	837
DERMAZOO / OTOPET-USA.....	1352
ELANCO ANIMAL HEALTH.....	937
ELLEVET SCIENCES.....	1460, 1461
KARL STORZ VETERINARY.....	747
LLOYD, INC.....	1361
MEDICAL PET SHIRTS INTERNATIONAL BV.....	1825
MIDOG LLC.....	2373
NELCO VET.....	2224
NEXTMUNE US.....	537, 637

PALA-TECH LABORATORIES INC.....	2371
PKB ANIMAL HEALTH.....	2122
ROSE MICRO SOLUTIONS LLC.....	1005, 1628, 2636
SQUISHFACE.....	3180
VAN BEEK NATURAL SCIENCE.....	2226
VERITAS VETERINARY PARTNERS.....	2880
VETBIOTEK, INC.....	2577
VETMED SOLUTIONS.....	700
VETNOVA.....	544
VETOQUINOL.....	1753
VETRAMIL/BFACTORY.....	2887
VIRBAC CORPORATION.....	1961
WALDMANN LIGHTING.....	969
XORAN TECHNOLOGIES.....	1281
ZOETIS PETCARE.....	1737

DIAGNOSTIC TEST KITS

ANIMALBIOME.....	2875
ANTECH.....	1769
BIONOTE.....	1167
DIAMOND ANIMAL HEALTH, INC.....	1373
ELLIE DIAGNOSTICS.....	707
IDEXX.....	819
KH MEDICAL.....	623
MIDOG LLC.....	2373
MODERN VETERINARY THERAPEUTICS.....	1448
NEOGEN.....	2179
PETDX.....	1785
TRIMLINE MANUFACTURING.....	1723
VOLITION VETERINARY.....	1670
WONDFO USA.....	322

DISTRIBUTOR

CLIPPER DISTRIBUTING.....	2571
COVETRUS.....	1646
PATTERSON VETERINARY SUPPLY.....	852, 961
SMARTPRACTICE.....	750

DOSIMETRY MONITORING

RADIATION DETECTION COMPANY.....	728
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E-COMMERCE SALES SYSTEMS

CASHDISCOUNTPROGRAM.COM.....	604
DAYSMAST VET.....	2487
ELITE PAYMENT GROUP.....	1618
PETZONE360.....	2683
RABBIT SAVIOR.....	3189

ELECTROPHYSIOLOGY DIAGNOSTIC INSTRUMENTS (ECG, ETC.)

MEDFURBISH.....	2425
MINDRAY ANIMAL MEDICAL.....	813

EMBRYO TRANSFER PRODUCTS

VET CONCEPTS/MAI ANIMAL HEALTH.....	2225
VETOQUINOL.....	1753

EMERGENCY AND CRITICAL CARE

ACT ONLINE TRAINING.....	1716
CRESILON INC - VETIGEL.....	513
RXACTUATOR INC.....	1585

EMPLOYMENT OPPORTUNITIES

AMERICAN VETERINARY GROUP.....	2687
BLUE RIVER PETCARE.....	804
BLUEPEARL SPECIALTY + EMERGENCY PET HOSPITAL.....	428
CHRISTIAN VETERINARY MISSION.....	3286
COMPANION PET PARTNERS.....	901
EPICUR PHARMA.....	2529
ETHOS VETERINARY HEALTH.....	320
EVOLUTION VETERINARY SPECIALIST.....	651
GENIUSVETS.....	2220
HOUND.....	2069
PETCO + VETCO.....	529
PETIQ.....	1475
PETSMART VETERINARY SERVICES.....	1437
PETVET CARE CENTERS.....	1620, 2472
THE VET RECRUITER.....	1820
UNITED VETERINARY CARE.....	305
URBAN ANIMAL.....	119
VCA ANIMAL HOSPITALS.....	1953
VERITAS VETERINARY PARTNERS.....	2880
VETAMA.....	2587
VETCOR.....	519
VETERINARY RESOURCE GROUP.....	2382
VETIQ STAFFING.....	702
WELLHAVEN PET HEALTH.....	336
WESTERN VETERINARY PARTNERS.....	609
VETVET.....	625

ENDOCRINOLOGY

BOEHRINGER INGELHEIM ANIMAL HEALTH.....	2337
DECHRA VETERINARY PRODUCTS.....	837
LLOYD, INC.....	1361
MERCK ANIMAL HEALTH.....	2037
PETACKR - UNIVERSAL BIOSENSORS.....	606
WEPET.....	1252

ENDOSCOPY EQUIPMENT

ADVANCED MONITORS CORP.....	2317
BIOVISION VETERINARY ENDOSCOPY LLC.....	1725
ENDOSCOPY SUPPORT SERVICES, INC.....	1438
INTROMEDIC CO., LTD.....	2387
KARL STORZ VETERINARY.....	747
MDS INCORPORATED.....	2223
MEDICAL ILLUMINATION.....	1717
MINITUBE USA.....	1724

NEWVETEQUIPMENT.COM	
USEDVETEQUIPMENT.COM	
CUSPIDEQUIPMENT.COM.....	2284
SONTEC INSTRUMENTS, INC.....	1360
THE ONE MEDICAL DEVICES TECHNOLOGY APPLIANCE CO., LTD.....	405
VETEL DIAGNOSTICS.....	1004
WELL TRUST(TIANJIN) TECH CO., LTD.....	1183

EQUINE PRODUCTS

ADDISON BIOLOGICAL LABORATORY, INC.....	1729
ADVANCED MONITORS CORP.....	2317
ANTECH.....	1769
BIONOTE.....	1167
BIOVISION VETERINARY ENDOSCOPY LLC.....	1725
BROWN'S MEDICAL IMAGING.....	2865
DECHRA VETERINARY PRODUCTS.....	837
DIAMOND ANIMAL HEALTH, INC.....	1373
E. I. MEDICAL IMAGING.....	1776
FUJIFILM HEALTHCARE AMERICAS CORPORATION.....	618
GERVETUSA INC.....	1000
GILAD&GILAD.....	2088
HUDSON AQUATIC SYSTEMS.....	915
JD MEDICAL.....	741
KINAS MEDICAL TECHNOLOGIES.....	221
LLOYD, INC.....	1361
MAI ANIMAL HEALTH.....	2221
MERCK ANIMAL HEALTH.....	2037
MG BIOLOGICS.....	2375
MIDWEST VETERINARY SUPPLY.....	2576
MILA INTERNATIONAL, INC.....	1816
MILLPLEDGE VETERINARY.....	1104
MULTI RADIANCE MEDICAL / WELLVU.....	437
MXR IMAGING.....	1824
NEOGEN.....	2179

NEWVETEQUIPMENT.COM	
USEDVETEQUIPMENT.COM	
CUSPIDEQUIPMENT.COM.....	2284
NUTRAMAX LABORATORIES VETERINARY SCIENCES, INC.....	2247
PALA-TECH LABORATORIES INC.....	2371
PAW PROSPER - HELP 'EM UP, FITPAWS, RESPOND, MUFFIN'S HALO.....	2769
PEACEFUL MEMORIES.....	744
PET-AG, INC.....	1261
PKB ANIMAL HEALTH.....	2122
PNEU-DART, INC.....	639
POSITIVE IMPRESSIONS.....	1364
POSKOM AMERICA / PXI MEDICAL.....	620
PYTHIUM TECHNOLOGIES INC.....	1621
REVIVAL ANIMAL HEALTH.....	751
RXACTUATOR INC.....	1585
SKULLS UNLIMITED INTERNATIONAL, INC.....	2429

SPRYNG W/ OSTEOCUSHION TECHNOLOGY BY PETVIVO.....	653
STONE MFG. & SUPPLY CO.....	1452
SUNTECH MEDICAL, INC.....	1922
TALKINGVET.....	1486
UNIFIED INFORMATION DEVICES (UID).....	1521
VAN BEEK NATURAL SCIENCE.....	2226
VET CONCEPTS/MAI ANIMAL HEALTH.....	2225
VET ROCKET, LLC.....	2669
VETERICYN ANIMAL WELLNESS.....	447
VETNOVA.....	544
VETRAMIL/BFACTORY.....	2887
VORTECH PHARMACEUTICALS.....	425
WEDGEWOOD PHARMACY.....	1671

EQUIPMENT & REAL ESTATE LEASES & MORTGAGES

BANK OF AMERICA PRACTICE SOLUTIONS.....	1720
FIRST COMMAND BANK.....	1622
PACIFIC PROFESSIONALS, INC.....	2128
TERRAVET REAL ESTATE SOLUTIONS.....	911
TUTTNAUER USA.....	755
UNITED COMMUNITY BANK.....	1677

EXAMINATION & TREATMENT ROOM FURNITURE & CABINETS

AEOLUS INTERNATIONAL PET PRODUCTS.....	2486
ALLEVO VETERINARY SOLUTIONS.....	2481
CASCO PET.....	522
DNTLWORKS ANIMAL HEALTH.....	460
EDGE LIFE TECHNOLOGIES LLC.....	2126
EZEE-VISIT PET VET MAT.....	660
MIDMARK CORPORATION.....	1137
OLYMPIC VETERINARY.....	951
UNIFIED INFORMATION DEVICES (UID).....	1521
UNIWEB, INC.....	331

EXTERNAL FIXATION SYSTEMS FOR ORTHOPEDICS

ORTHOMED NORTH AMERICA.....	904
SECUROS SURGICAL.....	2046
SHANGHAI BOJIN ELECTRIC INSTRUMENT & DEVICE CO., LTD.....	907
SHENYANG ZS ORTHO TECHNOLOGY CO., LTD.....	2886
WELL TRUST(TIANJIN) TECH CO., LTD.....	1183

FELINE BIOLOGICS & VACCINES

AKSTON BIOSCIENCES.....	549
BOEHRINGER INGELHEIM ANIMAL HEALTH.....	2337
DIAMOND ANIMAL HEALTH, INC.....	1373
ELANCO ANIMAL HEALTH.....	937
MERCK ANIMAL HEALTH.....	2037
PYTHIUM TECHNOLOGIES INC.....	1621
VETSTEM.....	1721

EXHIBITOR CATEGORIES

FINANCIAL SERVICES

GUIDEDCHOICE.....	525
LEGALLY MINE.....	601
MYBALTO.....	427
PAYJUNCTION.....	608
PROVET CLOUD.....	436
SIGNAPAY MEDICAL.....	229
STRATEGIC TAX PLANNING.....	406
VETVET.....	625

FLOORING SYSTEMS

CLARK CAGES INC.....	970
TWC ARCHITECTURE & CONSTRUCTION.....	2176

FLUIDS & FLUID THERAPY EQUIPMENT & SUPPLIES

AIV INC.....	2380
DECHRA VETERINARY PRODUCTS.....	837
FIRST VETERINARY SUPPLY.....	721
MEDFURBISH.....	2425
MILLPLEDGE VETERINARY.....	1104
PRACTIVET.....	818
TRIUMPH MEDICAL SERVICES.....	2638
VETPOCKET.....	218
ZENPET.....	645

FORAGE / FEED

LAFEBER - EMERAID.....	1726
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FRONT OFFICE & EXAM ROOM APPAREL

AUXILIARY TO THE AVMA KRITTER CORNER.....	247
FDB VELA.....	1179
VISUAL MANAGEMENT.....	2217

GENERAL & SPECIALTY

AEOLUS INTERNATIONAL PET PRODUCTS.....	2486
ALLEVO VETERINARY SOLUTIONS.....	2481
ANIMAL SAMARITANS.....	3295
ARDENT ANIMAL HEALTH.....	1338
ARTHREX VET SYSTEMS, INC.....	1629
BROWN'S MEDICAL IMAGING.....	2865
CITYVET.....	421
CRESTPOINT OPHTHALMICS.....	669
CRYOPROBE.....	745
DOG GONE PET / NANO PET PRODUCTS.....	328
ECOLIFE EXPEDITIONS.....	3094
EVOLUTION VETERINARY SPECIALIST.....	651
FDB VELA.....	1179
FIRST VETERINARY SUPPLY.....	721
GENIA USA INC.....	565
INSTINCT SCIENCE.....	2384
LAP OF LOVE VETERINARY HOSPICE.....	2775

LEGALLY MINE.....	601
MEDICAL PET SHIRTS INTERNATIONAL BV.....	1825
MISSION VETERINARY PARTNERS.....	2285
MWI ANIMAL HEALTH.....	2146, 2244
NAVC HIVE.....	237
ORTHOMED NORTH AMERICA.....	904
PEACEFUL MEMORIES.....	744
PETDX.....	1785
SCRATCHPAY.....	1009, 2528
SECUROS SURGICAL.....	2046
SIGNALPET.....	1077
THRIVE PET HEALTHCARE.....	1570
TUDOR TREADMILLS, INC.....	869
UNITED VETERINARY CARE.....	305
UNIWEB, INC.....	331
URBAN ANIMAL.....	119
US ARMY HEALTHCARE.....	3292
VETAMA.....	2587
VETMED SOLUTIONS.....	700
VOLITION VETERINARY.....	1670
WEDGEWOOD PHARMACY.....	1671
XORAN TECHNOLOGIES.....	1281

GENERAL LAB INSTRUMENTS, REAGENTS, MEDIUMS, & SUPPLIES

ALFA WASSERMANN DIAGNOSTIC TECHNOLOGIES.....	445
B&E BIO-TECHNOLOGY CO., LTD.....	1482
CRYOPROBE.....	745
MIDOG LLC.....	2373
MINITUBE USA.....	1724
SONTEC INSTRUMENTS, INC.....	1360
WEPET.....	1252
WONDFO USA.....	322

GENERAL, FULL-SERVICE DISTRIBUTORS

FIRST VETERINARY SUPPLY.....	721
KINAS MEDICAL TECHNOLOGIES.....	221
MIDWEST VETERINARY SUPPLY.....	2576
MWI ANIMAL HEALTH.....	2146, 2244
REVIVAL ANIMAL HEALTH.....	751
VICTOR MEDICAL COMPANY.....	2324

GENERIC & DISCOUNT-PRICED DRUGS

FIRST VETERINARY SUPPLY.....	721
MODERN VETERINARY THERAPEUTICS.....	1448
NORBROOK INC.....	2471

GREETING CARDS & REMINDER CORRESPONDENCE

2I NOVA, INC.....	223
AUTOREMIND.....	1010, 1371

PETDESK.....	613
POSITIVE IMPRESSIONS.....	1364
VISUAL MANAGEMENT.....	2217

HOLISTIC PRODUCTS

ADDISON BIOLOGICAL LABORATORY, INC.....	1729
ANIMALBIOME.....	2875
ARDENT ANIMAL HEALTH.....	1338
CHI UNIVERSITY.....	1626
DR. BUZBY'S—THE SENIOR DOG COMPANY.....	1151
EKAM AROGYA LLC.....	3299
FEED REAL INSTITUTE.....	2888
H2O FOR FITNESS.....	1108
HUDSON AQUATIC SYSTEMS.....	915
INTERNATIONAL VETERINARY ACUPUNCTURE SOCIETY (IVAS).....	3296
MEDICAL PET SHIRTS INTERNATIONAL BV.....	1825
MEDSMEHAPPY.....	340
MULTI RADIANCE MEDICAL / WELLVU.....	437
PAWPALS PAW PRINT KEEPSAKES.....	722
PETDX.....	1785
PKB ANIMAL HEALTH.....	2122
PYTHIUM TECHNOLOGIES INC.....	1621
RX VITAMINS INC.....	1917
SQUISHFACE.....	3180
VETNIQUE LABS.....	767
VETNOVA.....	544
VETSTEM.....	1721

HOSPITAL EQUIPMENT / FURNITURE

AEOLUS INTERNATIONAL PET PRODUCTS.....	2486
AIV INC.....	2380
ALFA WASSERMANN DIAGNOSTIC TECHNOLOGIES.....	445
ALLEVO VETERINARY SOLUTIONS.....	2481
BLACK DIAMOND RADIO.....	1627
CASCO PET.....	522
CLARK CAGES INC.....	970
HUDSON AQUATIC SYSTEMS.....	915
I.T. GURU.....	520
OLYMPIC VETERINARY.....	951
SNYDER MFG. CO.....	2016
SUBURBAN SURGICAL CO, INC.....	1630
TUDOR TREADMILLS, INC.....	869
TUTTNAUER USA.....	755
UNIFIED INFORMATION DEVICES (UID).....	1521
UNIWEB, INC.....	331
WALDMANN LIGHTING.....	969

HOSPITAL SAFETY & OSHA

ACT ONLINE TRAINING.....	1716
ALLEVO VETERINARY SOLUTIONS.....	2481
HEALTH TECHNOLOGY PROFESSIONAL PRODUCTS, INC.....	1239
OLYMPIC VETERINARY.....	951
UNIFIED INFORMATION DEVICES (UID).....	1521
US ARMY HEALTHCARE.....	3292

IMPLANTS FOR ORTHOPEDICS

ARTHREX VET SYSTEMS, INC.....	1629
GERVETUSA INC.....	1000
MOVORA.....	727
SECUROS SURGICAL.....	2046
SHENYANG PUSM MEDICAL DEVICE CO. LTD.....	2184
SHENYANG ZS ORTHO TECHNOLOGY CO., LTD.....	2886
WELL TRUST(TIANJIN) TECH CO., LTD.....	1183

LAB TESTING SERVICES; REFERENCE & CONSULTING DIAGNOSTICIANS

ABRI.....	1245
ANTECH.....	1769
AVIAN & EXOTIC ANIMAL CLIN PATH LABS.....	2322
IDEXX.....	819
MICRO PHOTONICS.....	1484
PETDX.....	1785
PETRACKR - UNIVERSAL BIOSENSORS.....	606
PL MEDICAL.....	2774
SHANGHAI GLINX BIOTECHNOLOGY CO., LTD.....	302
SIGNALPET.....	1077
US ARMY HEALTHCARE.....	3292
VARL.....	1531
VET AND TECH INC.....	903

LEASHES & COLLARS

AKC REUNITE.....	2021
ALL FOUR PAWS.....	2121
CAMPBELL PET COMPANY.....	1339
POSITIVE IMPRESSIONS.....	1364
SLEEPYPOD.....	236
SMARTPRACTICE.....	750
TRIMLINE MANUFACTURING.....	1723
VETVERIFI.....	711
ZENPET.....	645

LEASING

CADRE ANIMAL HEALTH REAL ESTATE.....	2087
HIGHLAND CAPITAL CORPORATION.....	1344
NEWLANE FINANCE CORP.....	1822
OMNI PRACTICE GROUP.....	2474
PACIFIC PROFESSIONALS, INC.....	2128
PETSMART VETERINARY SERVICES.....	1437
UNITED INFUSION.....	2789
VETAMA.....	2587

LIGHTING

AEOLUS INTERNATIONAL PET PRODUCTS.....	2486
DNTLWORKS ANIMAL HEALTH.....	460
ENOVA ILLUMINATION.....	1523
MEDI-LOUPES.....	720, 2662
MEDICAL ILLUMINATION.....	1717
ROSE MICRO SOLUTIONS LLC.....	1005, 1628, 2636
SURGITEL.....	2168
VETERINARY ANESTHESIA SUPPORT & SERVICE, LLC.....	1916
WALDMANN LIGHTING.....	969

MARKETING

BEYOND INDIGO PETS.....	1817
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MEDICAL EQUIPMENT & SUPPLIES

ADVANCED MONITORS CORP.....	2317
AEOLUS INTERNATIONAL PET PRODUCTS.....	2486
AIRNETIC LLC.....	2970
AIV INC.....	2380
ALFA WASSERMANN DIAGNOSTIC TECHNOLOGIES.....	445
ALLEVO VETERINARY SOLUTIONS.....	2481
ARDENT ANIMAL HEALTH.....	1338
ARTHREX VET SYSTEMS, INC.....	1629
BIONET AMERICA, INC.....	1517
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DRUCKER DIAGNOSTICS	2787
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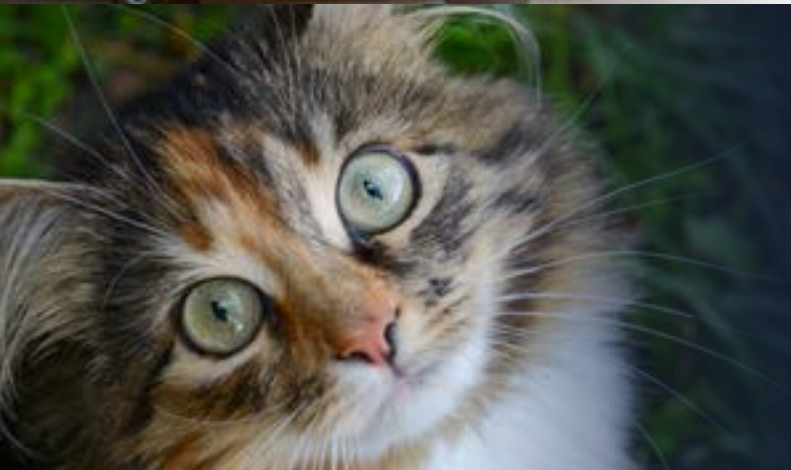


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NexGard® COMBO

(esafoxolaner, eprinomectin, and praziquantel topical solution)

For topical use in cats only

CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Description:
NexGard® COMBO is a topical solution containing esafoxolaner, eprinomectin and praziquantel available in 0.3 mL and 0.9 mL unit applicators to treat cats from 1.8 lbs to 33 lbs. Each mL of NexGard® COMBO contains 12 mg of esafoxolaner, 4 mg of eprinomectin, and 83 mg of praziquantel. Inactive ingredients: dimethyl isosorbide, unstabilized glycerol formal, and butylated hydroxytoluene.

Esafoxolaner is a member of the aryl isoxazoline class of compounds. Its chemical name is 4-[(5S)-5-[3-chloro-5-(trifluoromethyl)phenyl]-5-(2-deoxyavermectin A₁₂)]-4, 5-dihydro-1,2-oxazo-3-yl]-N-(2-oxo-2-[(2,2,2-trifluoroethyl) amino]ethyl)-1-naphthamide.

Eprinomectin belongs to the avermectin class of anthelmintics and is a mixture of homologous components referred to as eprinomectin B1a and B1b. The chemical name for eprinomectin B1a is (4'R)-acetylamino-5-O-demethyl-4'-deoxyavermectin A₁₂. The chemical name for eprinomectin B1b is (4'R)-acetylamino-5-O-demethyl-25-de(1-methylpropyl)-4'-deoxy-25-(1-methylethyl) avermectin A₁₂.

Praziquantel is a pyrazinoisoquinoline anthelmintic. Its chemical name is 2-(Cyclohexylcarbonyl)- 1,2,3,6,7,11b-hexahydro-4H-pyrazinol-2,1-a]-isoquinolin-4-one.

Indications:
NexGard® COMBO is indicated for the prevention of heartworm disease caused by *Dirofilaria immitis* and for the treatment and control of roundworm (fourth stage larval and adult *Toxocara cati*), hookworm (fourth stage larval and adult *Ancylostoma tubaeforme*, adult *Ancylostoma braziliense*), and tapeworm (*Dipylidium caninum*) infections. NexGard® COMBO kills adult fleas (*Ctenocephalides felis*) and is indicated for the treatment and prevention of flea infestations and the treatment and control of kodes scapularis (black-legged tick) and *Amblyomma americanum* (lone star tick) infestations for one month in cats and kittens 8 weeks of age and older, and weighing 1.8 lbs or greater.

Dosage and Administration:
NexGard® COMBO is dosed at a minimum of 0.055 mL/lb (0.12 mL/kg), which delivers a minimum dose of 0.65 mg/lb (1.44 mg/kg) esafoxolaner, 0.22 mg/lb (0.48 mg/kg) eprinomectin, and 4.53 mg/lb (9.98 mg/kg) praziquantel.

For heartworm disease prevention, apply once monthly for at least three months after last exposure to mosquitoes (see Effectiveness).

Administer the entire contents of a NexGard® COMBO unit applicator topically once a month as specified in the following table:

Dosing Schedule:

Cat Weight (lb)	Volume (mL)	Esafoxolaner (mg)	Eprinomectin (mg)	Praziquantel (mg)
1.8-5.5	0.3	3.6	1.2	24.9
5.6-16.5	0.9	10.8	3.6	74.7
16.6-22	0.3 + 0.9	14.4	4.8	99.6
22.1-33	0.9 + 0.9	21.6	7.2	149.4

A veterinarian or veterinary technician should demonstrate or instruct the pet owner regarding the appropriate technique for applying NexGard® COMBO topically to cats and kittens prior to first use.

Keep product in original packaging until ready to use.



- Use scissors to cut the blister along the dotted line.
- Then pull the lid away.
- Remove the applicator from the package and hold it upright. Pull back the plunger slightly.
- Twist and pull off the cap.
- Part the hair on the midline of the neck, between the base of the skull and the shoulder blades until the skin is visible. Place the tip of the applicator on the skin and apply the entire contents directly onto the skin in one spot. The product should be applied to dry skin on an area where the cat cannot lick it off. If the weight of the cat requires a second application, apply the contents in the same manner as described above in the same location.
- Wash hands after use with soap and water.

Heartworm Prevention:
For the prevention of heartworm disease, NexGard® COMBO should be administered once a month year-round. At a minimum, administration of NexGard® COMBO should start at least 1 month before the cat's first expected exposure to mosquitoes and monthly thereafter until at least 3 months after the cat's last seasonal exposure to mosquitoes (see **Effectiveness**). If a dose is missed and a 30-day interval between doses is exceeded, administer NexGard® COMBO immediately and resume the monthly dosing schedule. Treatment with fewer than 3 monthly doses may not provide complete heartworm prevention. When replacing another monthly heartworm preventive product in a heartworm prevention program, the first treatment with NexGard® COMBO should be given within one month of the last dose of the former medication. At the discretion of the veterinarian, cats older than 6 months of age may be tested to determine the presence of existing heartworm infection before treatment with NexGard® COMBO. Cats already infected with adult heartworms can be given NexGard® COMBO monthly to prevent further infections.

Flea Treatment and Prevention:
For the treatment and prevention of flea infestations, the use of NexGard® COMBO may begin at any time of year. NexGard® COMBO should be administered year-round at monthly intervals or begin at least one month before fleas become active. However, an environmental infestation may persist for a short time after beginning treatment with NexGard® COMBO because of the development of adult fleas from eggs that were laid prior to the initiation of treatment.

Tick Treatment and Control:
For the treatment and control of infestations with *Ixodes scapularis* and *Amblyomma americanum*, the use of NexGard® COMBO may begin at any time of year. NexGard® COMBO should be administered year-round at monthly intervals or begin at least one month before the ticks become active.

Treatment and Control of Roundworms, Hookworms, and Tapeworms:
NexGard® COMBO provides treatment and control of roundworms (adult and fourth stage larval *Toxocara cati*), hookworms (adult and fourth stage larval *Ancylostoma tubaeforme*, adult *Ancylostoma braziliense*), and tapeworms (*Dipylidium caninum*). For the treatment of hookworm, roundworms and tapeworm infections, NexGard® COMBO should be administered once as a single dose. Monthly use of NexGard® COMBO will control any subsequent infections. Cats may be exposed to and can become infected with roundworms, hookworms, and tapeworms throughout the year, regardless of season or climate.

Contraindications:
There are no known contraindications for the use of NexGard® COMBO.

Human Warnings:
Not for human use. Keep this and all drugs out of sight and reach of children.

Avoid direct contact with application site for 4 hours or until visibly dry.

This product may act as a mild to moderate eye irritant.

Keep product in the original packaging until use. Wash hands after product administration. If the product accidentally gets into the eyes, rinse thoroughly with water. If wearing contact lenses, flush the eyes first with water and then remove the lenses and continue to flush thoroughly with water. In case of accidental ingestion, or if skin or eye irritation occurs, contact a poison control center or physician for treatment advice.

Precautions:
Esafoxolaner, one of the ingredients in NexGard® COMBO, is a member of the isoxazoline class. This class has been associated with neurologic adverse reactions including tremors, ataxia, and seizures. Seizures have been reported in cats receiving isoxazoline class drugs, even in cats without a history of seizures. Use with caution in cats with a history of seizures or neurologic disorders.

Do not administer orally. Cats may salivate excessively if NexGard® COMBO is accidentally administered orally or is ingested through licking/grooming the application site (see **Target Animal Safety**).

The safety of NexGard® COMBO has not been fully evaluated in breeding, pregnant, or lactating cats.

The safety of NexGard® COMBO has not been tested in kittens less than 8 weeks of age or weighing less than 1.8 lbs (0.8 kg).

Adverse Reactions:
In a field safety and effectiveness study, which included a total of 201 households and 380 treated cats (244 cats treated with NexGard® COMBO, 136 cats treated with an active control), the safety of NexGard® COMBO was evaluated over a 90-day period through in-clinic physical examinations or through reporting of abnormalities by the owner. The most frequently reported reactions in the NexGard® COMBO and active control groups are presented in the following table.

Adverse Reactions by Treatment Group

EVENT	Treatment Group			
	NexGard COMBO		Active Control	
	n ¹	% (n=244)	n ²	% (n=136)
Vomiting	16	6.56	8	5.88
Application Site Hair Change	9	3.69	0	0.00
Anorexia	7	2.87	4	2.94
Lethargy	6	2.46	5	3.68
Bacterial Skin Infection	4	1.64	1	0.74
Itching	4	1.64	0	0.00
Sneezing	4	1.64	5	3.68
Skin Peeling	3	1.23	2	1.47
Diarrhea	3	1.23	3	2.21
Epiphora	3	1.23	1	0.74
Hypersalivation	3	1.23	0	0.00
Hyperthermia	3	1.23	0	0.00
Alopecia	2	0.82	0	0.00
Dermal Thickening	2	0.82	0	0.00
Ear Pruritus	2	0.82	1	0.74
Application Site Redness	2	0.82	0	0.00
Conjunctivitis	1	0.41	1	0.74

¹Number of cats treated with NexGard® COMBO with the identified abnormality.
²Number of cats treated with Active Control with the identified abnormality.

Contact Information:
To report suspected adverse events, for technical assistance or to obtain a copy of the SDS, contact Boehringer Ingelheim Animal Health USA Inc. at 1-888-637-4251 or www.nexgardforpets.com.

For additional information about reporting adverse drug experiences for animal drugs, contact FDA at 1-888-FDA-VETS or online at www.fda.gov/reportanimalae.

The Safety Data Sheet (SDS) provides additional occupational safety information. For customer service or to obtain product information, including the SDS, call 1-888-637-4251.

Clinical Pharmacology:
Mode of Action:
Esafoxolaner is a member of the isoxazoline family, shown to bind at a site to inhibit insect and acarine ligand-gated chloride channels, in particular those gated by the neurotransmitter gamma-aminobutyric acid (GABA), thereby blocking pre- and post-synaptic transfer of chloride ions across cell membranes. Prolonged esafoxolaner-induced hyperexcitation results in uncontrolled activity of the central nervous system and death of insects and acarines. The selective toxicity of esafoxolaner between insects/acarines and mammals may be inferred by the differential sensitivity of the insects/acarines' GABA receptors versus mammalian GABA receptors.

Eprinomectin is an endectocide in the macrocyclic lactone class that binds to glutamate gated chloride channels that are present in invertebrate nerve and muscle cells and increases the permeability of the cell membrane to chloride ions that triggers hyperpolarization of the nerve or muscle cell in susceptible parasites, resulting in paralysis and death of the parasite.

Praziquantel's mode of action is not precisely known, but treated tapeworms undergo muscular paralysis accompanied by a rapid influx of calcium ions and the disruption of the tegument.

Pharmacokinetics:
After a single topical administration to healthy male and female cats of a combined topical formulation containing esafoxolaner (12 mg/mL), eprinomectin (4 mg/mL), and praziquantel (83 mg/mL), at dose volumes of 0.06, 0.12, or 0.24 mL/kg, there was a dose proportional increase in the exposure of each ingredient based on maximum plasma concentration (C_{max}) and area under the plasma concentration time curve (AUC). After repeated monthly doses of the combined topical formulation at the target dose of 1.44 mg/kg esafoxolaner, 0.48 mg/kg eprinomectin, and 9.98 mg/kg praziquantel, steady state was reached by the fourth dose for esafoxolaner and after the second dose for eprinomectin and praziquantel. Additionally, modest accumulation was observed for esafoxolaner (approximately 3-fold) and praziquantel (approximately 1.5- to 2-fold) between the first and fifth dose, whereas no accumulation was observed for eprinomectin.

Effectiveness:
Heartworm Prevention:
In well-controlled laboratory studies, NexGard® COMBO (esafoxolaner, eprinomectin, and praziquantel topical solution) was 100% effective in preventing the development of heartworms in cats inoculated with infective larvae of *Dirofilaria immitis* 30 days prior to the first of three consecutive monthly treatments.

Flea Treatment and Prevention:
In a well-controlled laboratory study, NexGard® COMBO killed >92% of fleas within 24 hours. During subsequent weekly infestations, NexGard® COMBO killed >95.5% of fleas within 24 hours through Day 31 and killed fleas before they could lay eggs. The effectiveness against adult fleas at 24 hours post-infestation in the treated cats virtually eliminated flea egg production (99.8 – 100% control of flea egg production by 24 hours) throughout the remainder of the month. In a field safety and effectiveness study in the United States, conducted in households with existing flea infestations, the effectiveness of NexGard® COMBO against fleas was 97.8%, 99.6%, and 99.9% when assessed on Days 30, 60, and 90, respectively. Cats with signs of flea allergy dermatitis showed improvement in alopecia, dermatitis/pyodermitis, pruritus, erythema, papules, and scaling, as a direct result of eliminating fleas.

Tick Treatment and Control:
In well-controlled laboratory studies, NexGard® COMBO demonstrated >95.1% effectiveness against *Ixodes scapularis* 48 hours post-infestation for a month and >95.6% effectiveness against *Amblyomma americanum* 72 hours post-infestation for a month.

Treatment and Control of Roundworms, Hookworms, and Tapeworms:
In 2 well-controlled laboratory studies, NexGard® COMBO provided 98.9% and 100% effectiveness against natural and/or induced roundworm infections with the dose-limiting gastrointestinal nematode species (adult *Toxocara cati*) and hookworms (adult and fourth stage larval *Ancylostoma tubaeforme*, adult *Ancylostoma braziliense*) were conducted with an early formulation. The doses of eprinomectin in this early formulation are equivalent to that of the final formulation of NexGard® COMBO. In well-controlled laboratory studies, NexGard® COMBO provided on average 92.8% effectiveness against natural and/or induced infections with *Dipylidium caninum*.

Target Animal Safety:
Margin of Safety Study:
NexGard® COMBO was applied topically to healthy kittens (8 to 9 weeks of age) at 1X, 3X, or 5X the maximum exposure dose six times at 28-day intervals; kittens in the control group were dosed with mineral oil. One kitten in the 5X group exhibited recumbency, tremors, hypothermia, ataxia, disorientation, and pupil dilation (responsive to light) 9 hours after the third dose. This kitten received supportive care, including washing the application site, and recovered within 48 hours post-dose. During necropsy, a dark red subcutaneous area (<5 mm diameter) was observed in the treatment site area of three cats in the 5X group, but microscopic examination revealed no histologic abnormalities. No significant changes related to NexGard® COMBO were observed for physical examination, body weight, clinical pathology (hematology, coagulation, and serum chemistry), histopathology, or organ weights.

Study in Heartworm Positive Cats:
Adult cats, 4.7 to 6.6 months of age, were experimentally infected with adult heartworms (*D. immitis*) by venous transplantation. All cats were negative for heartworm antibody, antigen and microfilariae prior to transplantation. Two weeks after transplantation, immunoserology verified positive antigen and the presence of microfilariae in all enrolled cats. A combination of fipronil, eprinomectin, praziquantel, and (S)-methoprene was applied topically to cats at 1X or 3X the maximum exposure dose once every 28 days for three consecutive treatments; cats in the control group were dosed with mineral oil. One cat in the 1X group exhibited cyanotic mucous membranes and tachypnea for 24 hours following the first treatment. The cat recovered and exhibited no abnormal signs following two subsequent treatments. There was no difference between the treatment groups in the number of adult *D. immitis* recovered at the end of the study.

Oral Administration Study:
Oral tolerance was evaluated to assess the effects of accidental oral ingestion. Kittens (male and female) ranging in age from 7.4 to 8.9 weeks were orally administered NexGard® COMBO at 1X the maximum exposure dose; kittens in the control group were dosed with saline. Cats were observed for adverse reactions at 1, 2, 3, 4, and 8 hours following administration, then twice a day until Day 14. All 8 cats administered NexGard® COMBO immediately exhibited excessive hypersalivation after oral administration. However, all cats stopped salivating within 1 hour after exposure. No additional health-related observations were seen for the remainder of the study.

How Supplied:
NexGard® COMBO is packaged as a single dose in 0.3 mL (for cats 1.8 – 5.5 lb) and 0.9 mL (for cats 5.6 – 16.5 lb) applicators. Each size applicator is available in cartons containing 1, 3, or 6 applications.

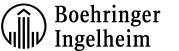
Storage Information:
Store at 59° – 86°F (15° – 30° C). Brief periods up to 104° F (40° C) are permitted. Protect from light.

Approved by FDA under NADA # 141-570

Marketed by: Boehringer Ingelheim Animal Health USA Inc., Duluth, GA 30096

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184238-002 Rev. 04/2023
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- ✓ First-of-its-kind formulation includes esafloxolaner—specifically developed for use in cats
- ✓ Easy-to-apply topical solution provides a month of protection
- ✓ Safe for use in kittens as young as 8 weeks, weighing 1.8 lbs or more

Contact your Boehringer Ingelheim Representative to learn more

IMPORTANT SAFETY INFORMATION: NexGard® COMBO (esafloxolaner, eprinomectin, and praziquantel topical solution) is for topical use only in cats. Use with caution in cats with a history of seizures or neurologic disorders. The most frequently reported adverse reactions include vomiting, application site reactions, and anorexia. If ingested, hypersalivation may occur. Avoid direct contact with application site until visibly dry. For more information, see full prescribing information or visit NexGardCOMBOClinic.com.

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SAFETY INFORMATION

Your safety is our first concern at Viticus Group. Although no emergency situation is anticipated, you should be aware of the following safety systems and procedures.

Alarm and Fire Detection Systems

Fire Detection: Mandalay Bay facilities are equipped with sophisticated electronic fire detection and alarm systems. State-of-the-art fire suppression systems control and extinguish fires of major consequence. Portable fire extinguishers are also strategically placed throughout the property.

Evacuation

If an emergency warrants evacuation of the Convention Center, its magnitude is confirmed by Mandalay Bay Security and communicated to Convention Center personnel. Announcements regarding any perceived emergency, regardless of severity, are played over the Convention Center public address system at three notification levels:

Initial emergency while the source of the problem is investigated (female voice) – no action required.

Non-emergency when the source of an alarm has been identified and the issue resolved (female voice) – no action required.

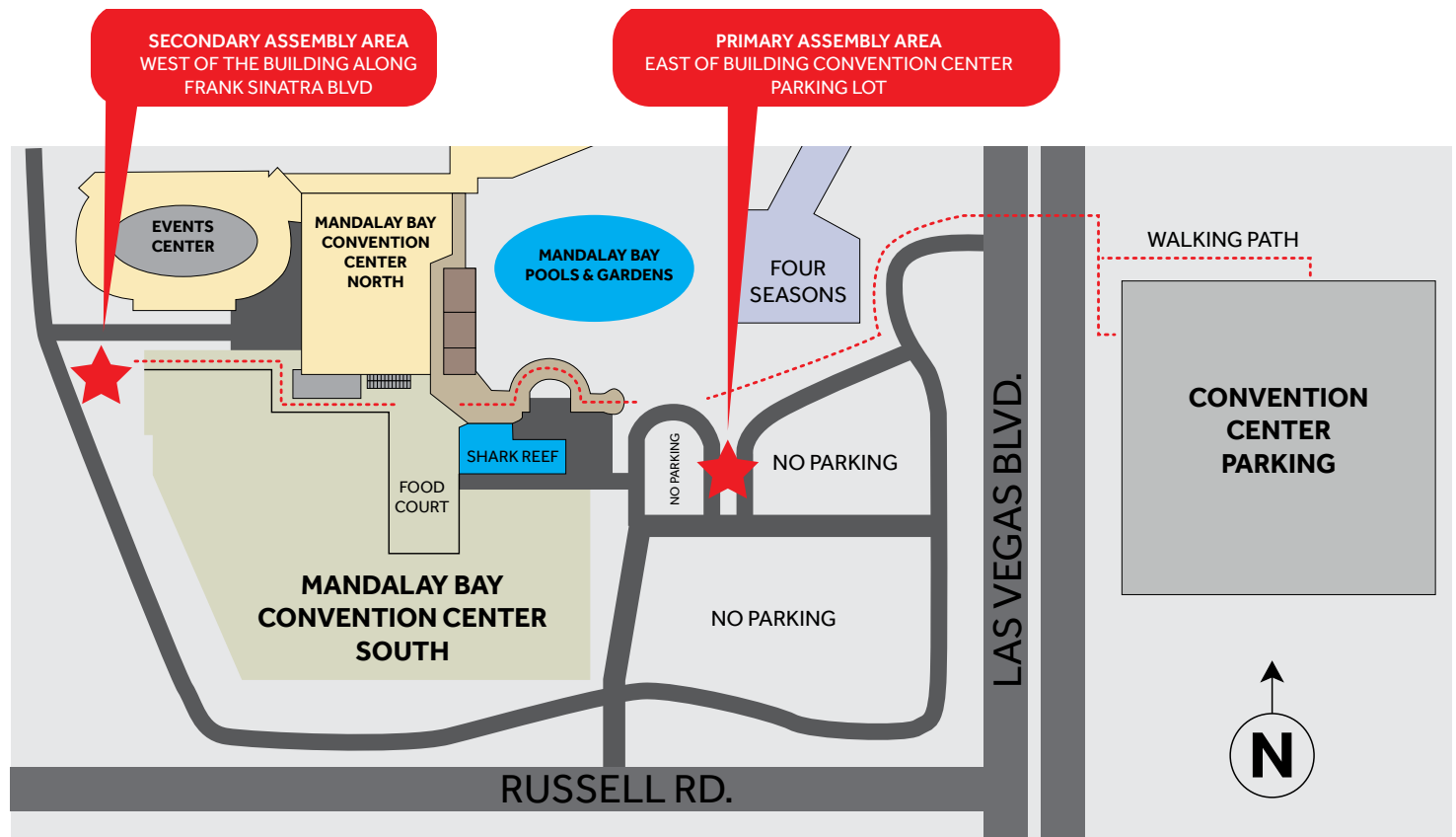
Evacuation when the source of an alarm has been identified as cause to evacuate the building (male voice) – evacuation required.

Exits

Emergency exits throughout the Convention Center are clearly marked, and signs remain visible even during power outages.

Evacuation Safety

- Remain calm and proceed in an orderly manner.
- Leave the facility through the nearest exit as instructed.
- Do not take time to retrieve personal property.
- Do not attempt to use elevators or escalators.
- Assist elderly and disabled persons.
- Listen for instructions via the public address system.
- Proceed directly to the designated assembly area located in the parking lot area, just outside the Shark Reef entrance (pictured below).
- Do not try to reenter the building until an "all clear" message is given.



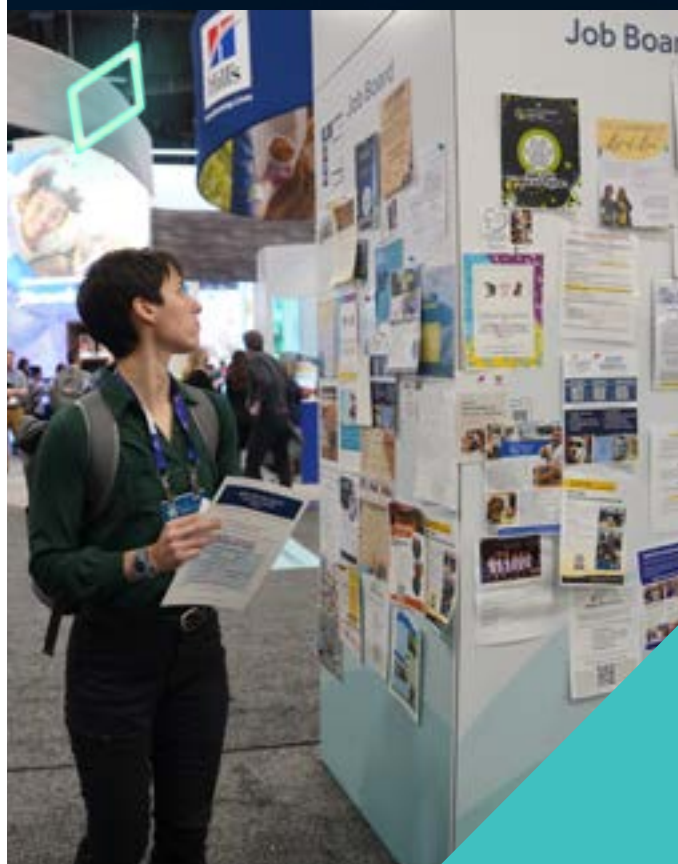


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TICK HUNT: THE QUEST IS ON!

Keep your Gard Up: The Quest is On! In partnership with Boehringer Ingelheim this exclusive tick "Easter egg hunt" honors our 96th WVC with 96 ticks to be hidden throughout the Mandalay Bay Convention Center. Starting Sunday, Feb. 18 to Wednesday, Feb. 21, be sure to check our Facebook story for clues on which Boehringer Ingelheim locations might be hiding an exclusive glass-blown commemorative tick to claim.

START SLEUTHING!



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WELLNESSES AT WVC



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NEW THIS YEAR

ELEVATE YOUR WELLNESS JOURNEY AT WVC WITH LIBRELA'S STEP IT UP WELLNESS CHALLENGE

Engage in active pursuits alongside your peers, and stand a chance to win incredible prizes, including Apple AirPods and Watches! It's the perfect opportunity to foster a healthy lifestyle while enjoying the vibrant atmosphere of Las Vegas.

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NEW THIS YEAR

DISCOVER TRANQUILITY IN THE HEART OF WVC AT THE ZEN DEN **South Seas Foyer Level 3 | Open Daily 8a-6p**

This oasis provides a serene escape for conference attendees in bustling Las Vegas. The Zen Den invites you to relax and recharge in a welcoming space tailored for rejuvenation during your WVC experience.

sponsored by:



AWAKEN YOUR SENSES WITH SUNRISE YOGA

Palm Foyer Level 3 | Tuesday, Feb. 20 7-8a

This invigorating session offers a unique opportunity to cultivate calm through body and breathwork. Don't miss out on this chance to enhance your well-being and set the tone for a fulfilling day at the conference.

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MARCH 2 - 5, 2025
SEE YOU BACK IN LAS VEGAS IN 2025!



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